

Unite Your Audience

The Martin Audio Experience



PRODUCT CATALOGUE





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BottleRock, Napa Valley, USA



With multiple awards for innovation, the MLA Series — comprising MLA, MLA Compact and MLA Mini — represents the first fundamental change in array technology since the introduction of line array over twenty years ago.

MLA's combination of cellular drive and automated numerical optimisation delivers much more consistent sound across the audience, puts an end to trial-and-error tuning sessions and reduces sound spill — both on stage and beyond the audience boundary.

MLA technology is a departure from the principles behind conventional line arrays, where the focus is on producing coherent wavefronts as they exit the speaker grilles — giving the user little control over what reaches the ears of the audience. MLA cellular technology takes the opposite approach — the user specifies the SPL and frequency response required at the front rows, the mix position and the rear seats, and intelligent optimisation software automatically determines the array configuration and controls each individual cell in the array to produce that result.

The MLA Series offers new solutions — the MLA touring system resolves the conflicting requirements of audience and local residents at outdoor festivals by delivering the highest sound levels out-front without exceeding strict noise pollution levels off-site. At the other end of the scale, the versatile MLA Mini opens up a wide range of portable live sound applications for smaller venues, as well as a myriad of installation opportunities.



Glastonbury, UK

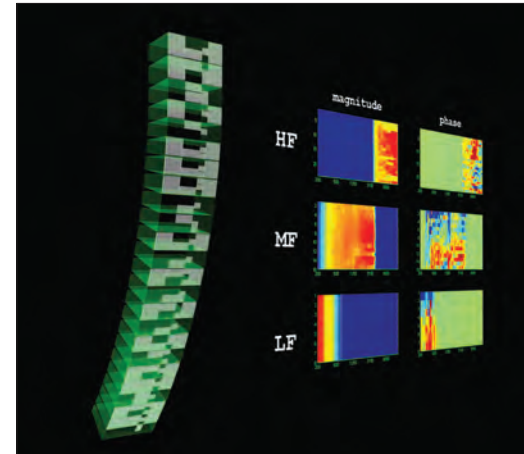
MLA CELLULAR TECHNOLOGY

MLA, MLA Compact and MLA Mini all feature cellular drive — where each LF, MF and HF cell in the array has its own onboard DSP and amplification under the control of DISPLAY 2.1™ automated intelligent software. A 24-box MLA system will have 144 individual cells, a 16-box MLA Compact system will have 80 cells, and a 16-box MLA Mini will have 32 cells.

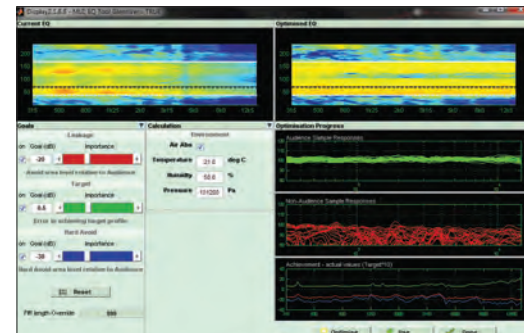
With each cell in the array under computer control, MLA Series systems are not constrained by the 3dB decrease in SPL with doubling of distance associated with conventional line arrays — enabling the engineer's exact mix to be delivered throughout the audience with a degree of control, consistency and repeatability not previously possible.

‘Hard avoid’ areas, such as on-stage, ceilings, balcony edges and beyond the venue perimeter can be programmed in and vertical coverage can also be fine-tuned after rigging without the need to reposition the array or change the inter-cabinet splay angles.

By departing from line array convention, and focusing on what arrives at the audience instead of what leaves the array, MLA cellular technology holds both SPL and frequency response within a very tight window — from the front rows to the rear balconies.



MLA cellular drive



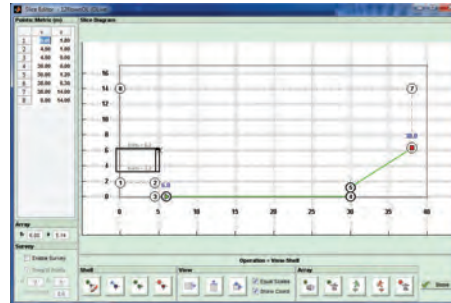
Automated optimisation

DISPLAY 2.1™ AUTOMATED CONTROL SOFTWARE

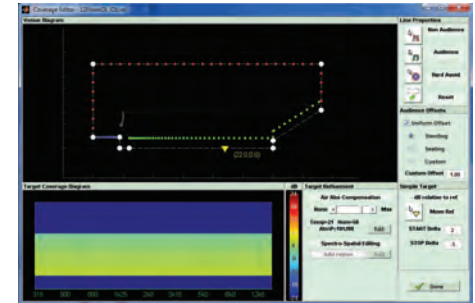
DISPLAY 2.1 is the brain of the MLA Series. Its numerical optimisation process eliminates lengthy trial-and-error tuning sessions, so that an MLA Series system achieves the required audience coverage straight out of the box.

Based on a highly accurate acoustic model of array behaviour, it gives a very accurate prediction of the direct sound produced over the audience as well as areas where sound is to be reduced. It takes the guesswork out of array design, deployment and control — generating highly accurate spot frequency responses and comprehensive rigging information, including mechanical load safety analysis.

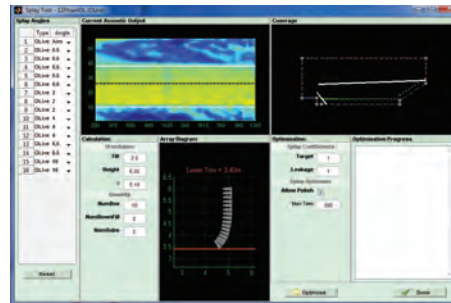
The intelligent optimisation process evaluates configurations of potential arrays against various target functions — such as frequency response, flatness and sound leakage into non-audience areas. With the computer working behind the scenes, the engineer retains full artistic control over the house curves — DISPLAY 2.1 simply replicates what the engineer hears at the mix position to the entire audience.



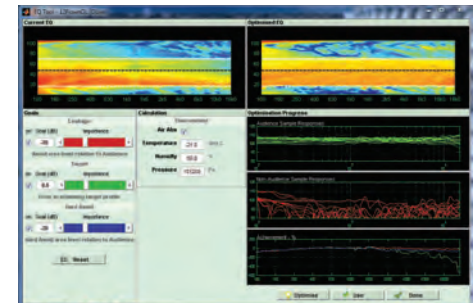
Step 1: Venue entry



Step 2: Set coverage parameters



Step 3: Calculate splay angles



Step 4: Optimisation and upload

MLA SYSTEM

MLA system components comprise the MLA 3-way array enclosure, MLD downfill and MLX Sub-bass. MLA is a fully-integrated system, with Class D amplification, U-NET™ control network and DSP all integrated within each enclosure – simplifying set-up and eliminating long, heavy-gauge cable runs.

An MLA touring system is complete and ready-to-use, with enclosures, flying hardware, software, cabling, flight cases and training all included in the system package.

FEATURES

- Cellular array with built-in amplification, DSP and digital networking
- 6 dedicated Class D amplifier channels per enclosure for individual powering and DSP control of individual cells
- Switch mode power supply with PFC (Power Factor Correction) and global mains voltage operation
- Three-way all-horn design delivers LF/MF/HF peak SPL's of 140/139/145 dB @ 1m from a single enclosure
- Fast, integral flying system for suspension of up to 24 enclosures
- True 90° (-6dB) horizontal constant directivity, mid and high frequency pattern control. Consistent and usable out to 120° (-10dB)
- 60Hz-18kHz $\pm$ 3dB full bandwidth frequency response

APPLICATIONS

- Large-scale touring sound reinforcement for outdoor festivals, stadiums, arenas and concert halls
- Premium fixed installations in concert halls, theatres and sports venues



MLA array



MLX sub-bass



Royal Albert Hall, UK

MLA COMPACT

Scalable and versatile, MLA Compact brings MLA technology to the wide range of applications that do not require the full power and throw of the MLA. Its compact size belies its output capabilities – a 12-box MLA Compact array can easily deliver full rock SPL's in a 5000 seat venue, whilst a 24-box array will approach the output of many 'full-size' systems.

The MLA Compact is partnered by either the DSX ground-stacked, powered sub-bass, or the DSX-F flying version.

FEATURES

- Cellular array with built-in amplification, DSP and digital networking
- 5 dedicated Class D amplifier channels per enclosure for individual powering and DSP control of individual cells
- Switch mode power supplies with PFC (Power Factor Correction) and global mains voltage operation
- Three-way all-horn design delivers LF/MF/HF peak SPL's of 135/135/135 dB @ 1m from a single, compact enclosure
- Fast, integral flying system for suspension of up to 24 enclosures
- True 100° (-6dB) horizontal constant directivity, mid and high frequency pattern control. Consistent and usable out to 130° (-10dB)
- 65Hz-18kHz $\pm$ 3dB full bandwidth frequency response

APPLICATIONS

- Premium touring sound reinforcement for medium-size venues
- Fixed installations in concert halls, theatres, ballrooms and HoW
- Side hang for MLA festival and arena systems





Starlight Express, Germany

MLA MINI

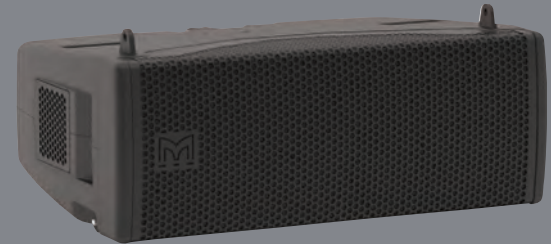
The ultra-compact MLA Mini brings revolutionary MLA cellular technology to smaller-scale portable and installed sound applications. Its very small footprint and light weight make it the system of choice for small-to-medium venues. MLA Mini is designed as a complete system, with complementary MSX mini-sub power plant, which houses networking, DSP and 9 channels of Class D amplification necessary to power and control itself and 4 MLA Mini enclosures. MLA Mini can also operate as a plug-and-play system using onboard presets instead of computer control.

FEATURES

- Cellular array format with amplification, DSP and digital networking housed in companion MSX sub-bass
- 2 Class D amplifier channels per enclosure for individual powering and DSP control of LF and HF cells
- Switched mode power supplies with PFC (Power Factor Correction) and global mains voltage operation
- Two-way design delivers LF/HF peak SPL's of 130/129dB @ 1m from a single, ultra-compact enclosure
- Fast, integral flying system for suspension of up to 16 MLA Minis
- True 100° (-6dB) horizontal constant directivity
- 76Hz-18kHz $\pm$ 3dB frequency response
- Scalable for audiences of 100-3,000

APPLICATIONS

- Small-to-medium scale live music venues and theatres
- Portable live sound and AV events
- Fixed installations in concert halls, theatres, ballrooms and HoW
- Side-fill for MLA Compact systems





Spar Corporate Event, UK



Backstage Centre, UK



IDC Church, Chicago, USA



Fair St. Louis, USA

LINE ARRAY SYSTEMS

Utilising innovative driver-loading techniques, together with no-compromise constant directivity horns, Martin Audio line arrays deliver exceptional levels of efficiency and coverage consistency from the line array format.

The W8LC compact line array is designed for medium-to-large scale touring and installation applications — ranging from arenas and sports stadiums to theatres and concert halls. A 3-way all-horn design, its Hybrid™ low frequency section marries the very high efficiency of horn loading with the extended low frequency response of a reflex enclosure. The W8LCD Downfill has wider horizontal coverage for the front rows.

The W8LM is an ultra-compact line array that meets the need for a versatile system for small/medium scale applications — including live sound reinforcement, corporate events, theatres and fixed installations. It is particularly suited to musical theatre productions that require high output from a small, visually-discreet array and is the ideal sidefill or delay system for larger-scale W8LC arrays. The W8LMD is its designated downfill.

The proprietary rigging systems of the Martin Audio line arrays are safe, quick to assemble and allow for venue-optimised progressive curvatures to be achieved in conjunction with DISPLAY 1.7™ or ViewPoint™ software.

The Martin Audio W8LC and W8LM take line array performance to a new level.

W8LC

TYPE	Three-way compact line array element
FREQUENCY RESPONSE (5)	60Hz-18kHz $\pm$ 3dB
DRIVERS	12" (300mm)/3" (75mm) voice coil, neodymium magnet driver, Hybrid [®] bass horn loaded 2 x 6.5" (165mm)/1.5" (37.5mm) voice coil drivers horn loaded 3 x 1" (25mm) exit neodymium compression drivers, horn loaded
RATED POWER (2)	LF: 400W AES, 1600W peak MF: 200W AES, 800W peak HF: 100W AES, 400W peak
SENSITIVITY (6)	LF: 103dB MF: 106dB HF: 109dB
MAXIMUM SPL (9)	LF: 129dB continuous, 135dB peak MF: 129dB continuous, 135dB peak HF: 129dB continuous, 135dB peak
DISPERSION (-6dB)	90° horizontal, 7.5° vertical
DIMENSIONS (inc. wheelboard)	(W) 1000mm x (H) 367mm x (D) 550mm (706mm) (W) 39.4ins x (H) 14.5ins x (D) 21.7ins (27.8ins)
WEIGHT (ex. wheelboard)	58kg (128lbs)



W8LM

TYPE	Three-way, passive/bi-amp, mini line array element
FREQUENCY RESPONSE (5)	60Hz-18kHz $\pm$ 3dB
DRIVERS: LF + MF Section	8" (200mm)/2" (50mm) voice coil, reflex loaded direct radiator 8" (200mm)/2" (50mm) voice coil, neodymium magnet, front horn loaded, rear reflex loaded
DRIVERS: HF Section	2 x 1" (25mm) exit HF compression drivers, horn loaded
RATED POWER (2)	LF + MF: 400W AES, 1600W peak HF: 75W AES, 300W peak Passive: 400W AES, 1600W peak
SENSITIVITY (6)	LF + MF: 100dB, HF: 106dB, Passive: 99dB rising to 105dB at HF
MAXIMUM SPL (9)	LF + MF: 126dB continuous, 132dB peak HF: 125dB continuous, 131dB peak FR: 125dB continuous, 131dB peak
DISPERSION (-6dB)	100° horizontal, 7.5° vertical
DIMENSIONS	(W) 620mm x (H) 243mm x (D) 400mm (W) 24.4ins x (H) 9.6ins x (D) 15.8ins
WEIGHT	29kg (64lbs)



W8LCD

TYPE	Three-way compact, downfill line array element
FREQUENCY RESPONSE (5)	60Hz-18kHz $\pm$ 3dB, -10dB @ 45Hz
DRIVERS	12" (300mm)/4" (100mm) voice coil, neodymium magnet driver, Hybrid [®] bass horn loaded 2 x 6.5" (165mm)/1.5" (37.5mm) voice coil drivers, horn loaded 3 x 1" (25mm) exit neodymium compression drivers, horn loaded
RATED POWER (2)	LF: 1000W AES, 4000W peak MF: 200W AES, 800W peak HF: 100W AES, 400W peak
SENSITIVITY (6)	LF: 103dB, MF: 106dB, HF: 109dB
MAXIMUM SPL (9)	LF: 133dB continuous, 139dB peak MF: 129dB continuous, 135dB peak HF: 128dB continuous, 134dB peak
DISPERSION (-6dB)	120° horizontal (140° @ -10dB), 20° vertical
DIMENSIONS (inc. wheelboard)	(W) 1000mm x (H) 454mm x (D) 550mm (706mm) (W) 39.4ins x (H) 17.9ins x (D) 21.7ins (27.8ins)
WEIGHT (ex. wheelboard)	67kg (148lbs)



W8LMD

TYPE	Three-way, passive/bi-amp, mini downfill line array element
FREQUENCY RESPONSE (5)	60Hz-18kHz $\pm$ 3dB
DRIVERS: LF + MF Section	8" (200mm)/2" (50mm) voice coil, reflex-loaded direct radiator 8" (200mm)/2" (50mm) voice coil, neodymium magnet, front horn loaded, rear reflex loaded
DRIVERS: HF Section	2 x 1" (25mm) exit HF compression drivers, horn loaded
RATED POWER (2)	LF + MF: 400W AES, 1600W peak HF: 75W AES, 300W peak Passive: 400W AES, 1600W peak
SENSITIVITY (6)	LF + MF: 99dB, HF: 104dB, Passive: 98dB rising to 103dB at HF
MAXIMUM SPL (9)	LF + MF: 125dB continuous, 131dB peak HF: 123dB continuous, 129dB peak FR: 124dB continuous, 130dB peak
DISPERSION (-6dB)	120° horizontal, 20° vertical
DIMENSIONS	(W) 620mm x (H) 284mm x (D) 400mm (W) 24.4ins x (H) 11.2ins x (D) 15.8ins
WEIGHT	30kg (66lbs)



LINE ARRAY SOFTWARE

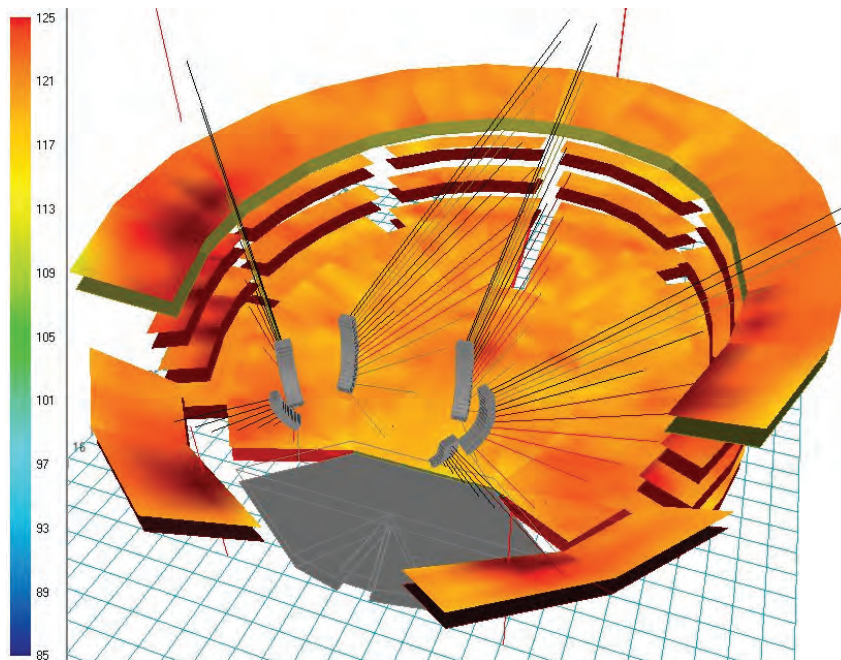
ViewPoint is a simple-to-use program which advises on the appropriate line array geometry and controller presets for a given 2D room geometry, while the more sophisticated DISPLAY 1.7 may be used in 2D or 3D.

In DISPLAY 1.7, venue details can be entered to show a 2D 'slice' for simple coverage, SPL and frequency response information. In 3D mode, a model of the venue showing the audience planes can be entered and more detailed information, including polar responses examined.

In both cases, the user specifies the type and quantity of line array to be used and the height the array will be flown at, together with the required coverage start and stop positions. DISPLAY 1.7 will calculate the appropriate inter-cabinet angles and the overall tilt angle of the array to achieve the desired coverage.

DISPLAY 1.7 combines high resolution measurement data with controller simulations, enabling the system tech to tweak drive patches and controller presets to fine-tune system coverage in even the most difficult venue. It will also calculate the total weight of the array, including flying hardware, and determine the safety of the proposed system.

Field measurements have shown DISPLAY 1.7 to be an extremely accurate tool that ensures consistent results every time.





All Star Game Concert, Minneapolis, USA

DIFFERENTIAL DISPERSION

Martin Audio's Differential Dispersion™ systems deliver more consistent frequency response and SPL's over the audience than possible from systems with fixed X° x Y° dispersion.



DD12

Combining onboard networking, DSP and Class D amplification with state-of-the-art transducers, the compact DD12 sets a new benchmark for professional, powered two-way loudspeaker systems in terms of fidelity, output capability and coverage consistency. Its compact, multi-angle enclosure facilitates vertical or horizontal orientation, as well as use as a stage monitor.



DD6

The ultra-compact DD6 is a passive two-way, multi-purpose loudspeaker system designed for premium applications which require 'on-the-fly' flexibility. Its high frequency horn can be easily rotated for horizontal or vertical use in a quick, tool-free operation. Up to three DD6's can be driven by the PSX self-powered companion subwoofer.

W8VDQ

The W8VDQ combines line array and differential dispersion technologies within a single enclosure — a unique solution to the requirement of even coverage over wide angles and medium throw distances from a single element. The W8VDQ has wide short-throw horizontal dispersion of 120°, reducing to 100° as the throw increases.



DD12

TYPE	Differential Dispersion™, compact multi-angled, self-powered
FREQUENCY RESPONSE (5)	two-way system with onboard DSP and networking
DRIVERS	65Hz-18kHz ± 3dB, -10dB @ 55Hz 12" (300mm)/3" (75mm) voice coil, long-excursion, neodymium magnet LF driver 1" (25mm) exit/1.7" (44mm) voice coil, polyimide dome, neodymium magnet HF compression driver
RATED POWER (2)	LF: 400W AES, 1600W peak HF: 50W AES, 200W peak
MAXIMUM SPL (9)	125dB continuous, 131dB peak
DISPERSION	Differential Dispersion: 110-60° horizontal, 60° vertical
AMPLIFIER TYPE	2 channel switch-mode, class D
PEAK OUTPUT POWER	1400W LF, 700W HF
AC INPUT OPERATING RANGE	100 – 240V ~ AC, 50 - 60Hz
FITTINGS	Top hat for pole mounting, 15 x M8 threaded inserts Pocket handles
ACCESSORIES	Optional weather protection cowl, Transit cover
DIMENSIONS (with cowl)	(W) 360mm x (H) 571mm x (D) 384mm (503mm)
	(W) 14.2in x (H) 22.5ins x (D) 15.1ins (19.8ins)
WEIGHT	26kg (57.2 lbs)



W8VDQ

TYPE	Three-way, passive/hi-amp
FREQUENCY RESPONSE (5)	60Hz-18kHz ± 3dB
DRIVERS	2 x 8" (200mm)/2" (50mm) voice coil, reflex loaded direct radiators 2 x 8" (200mm)/2" (50mm) voice coil, neodymium magnet, front horn loaded, rear reflex loaded drivers 4 x 1" (25mm) exit HF compression drivers, horn loaded
RATED POWER (2)	LF + MF: 800W AES, 3200W peak HF: 150W AES, 600W peak Passive: 800W AES, 3200W peak
SENSITIVITY (6)	LF + MF: 102dB, HF: 106dB, Passive: 101dB rising to 105dB at HF
MAXIMUM SPL (9)	131dB continuous, 137dB peak
DISPERSION (-6dB)	100°-120° horizontal, 30° vertical (VDD)
DIMENSIONS	(W) 628mm x (H) 506mm x (D) 369mm
	(W) 24.7ins x (H) 19.9ins x (D) 14.6ins
WEIGHT	47kg (103.5lbs)



DD6

TYPE	Differential Dispersion™ ultra-compact, multi-angled,
FREQUENCY RESPONSE (5)	two-way passive
DRIVERS	70Hz-20kHz ± 3dB, -10dB @ 55Hz 6.5" (165mm)/1.75" (44mm) voice coil neodymium magnet LF driver 0.5" (12.5mm) exit neodymium magnet HF compression driver
RATED POWER (2)	150W AES, 600W peak
SENSITIVITY (6)	91dB
MAXIMUM SPL (9)	113dB continuous, 119dB peak
NOMINAL IMPEDANCE	16 ohms
DISPERSION (-6dB)	90-120° horizontal, 60° vertical
CONNECTORS	4 x Neutrik® NL4, connected in parallel
FITTINGS	8 x M8, 4 x M6 threaded inserts
DIMENSIONS	(W) 190mm x (H) 359mm x (D) 207mm
	(W) 7.5ins x (H) 14.1ins x (D) 8.1ins
WEIGHT	5.9kg (13lbs)



XD SERIES

The XD Series loudspeakers are the perfect solution for high-power applications where flexibility, ease of installation and speed of deployment are important factors. The versatile, multi-angle enclosures and rotatable horns facilitate either horizontal or vertical orientation, and comprehensive brackets support the full variety of mounting options. Integral M8 inserts increase the options even further. When configured horizontally, the XD15 and XD12 are also ideal as compact, high-output stage monitors.



The XD15 and XD12 LF drivers both feature neodymium motor systems which combine high sensitivity with low weight and advanced cooling to reduce power compression to negligible levels, and the HF compression drivers feature ultra-high flux neodymium magnet systems for maximum efficiency. The tour-grade plywood enclosures are coated in hard-wearing polyurethane and have pre-curved Declon® backed perforated steel grilles.

The XD Series loudspeakers deliver best-in-class performance, including higher output levels and more extended frequency range than is normally associated with similarly-sized systems.

The XD12 and XD15 can be used with Martin Audio subwoofers, or with the self-powered PSX subwoofer power plant — where they can be powered by a dedicated onboard amplifier channel.

XD Series – the new benchmark for the compact two-way format.

XD15

TYPE	Very high-output, passive/bi-amp, two-way system
FREQUENCY RESPONSE (5)	55Hz-18kHz $\pm$ 3dB, -10dB @ 45Hz
DRIVERS	15" (380mm)/4" (100mm) voice coil, long excursion, neodymium magnet LF driver 1.4" (35mm) exit/3" (75mm) voice coil, titanium dome, neodymium magnet HF compression driver
RATED POWER (2)	FR/LF: 600W AES, 2400W peak HF: 80W AES, 320W peak
SENSITIVITY (6)	FR: 99dB LF: 100dB HF: 108dB
MAXIMUM SPL (9)	FR: 126dB continuous, 132dB peak LF: 127dB continuous, 133dB peak HF: 127dB continuous, 133dB peak
NOMINAL IMPEDANCE	FR/LF: 8 ohms, HF: 16 ohms
DISPERSION (-6dB)	80° horizontal, 50° vertical user rotatable
CONNECTORS	2 x Neutrik® NL4
FITTINGS	17 x M8 threaded inserts 1 x Pole mount socket 2 x Pocket handles
DIMENSIONS	(W) 429mm x (H) 690mm x (D) 414mm (W) 16.9ins x (H) 27.2ins x (D) 16.3ins
WEIGHT	32kg (70.5lbs)



XD12

TYPE	Compact, high output, passive/bi-amp, two-way system
FREQUENCY RESPONSE (5)	65Hz-20kHz $\pm$ 3dB, -10dB @ 55Hz
DRIVERS	12" (300mm)/3" (75mm) voice coil, long excursion, neodymium magnet LF driver 1" (25mm) exit/1.7" (44mm) voice coil, titanium dome, neodymium magnet HF compression driver
RATED POWER (2)	FR/LF: 400W AES, 1600W peak HF: 60W AES, 200W peak
SENSITIVITY (6)	FR: 98dB LF: 99dB HF: 108dB
MAXIMUM SPL (9)	FR: 124dB continuous, 130dB peak LF: 125dB continuous, 131dB peak HF: 125dB continuous, 131dB peak
NOMINAL IMPEDANCE	FR/LF: 8 ohms, HF: 16 ohms
DISPERSION (-6dB)	80° horizontal, 50° vertical user rotatable
CONNECTORS	2 x Neutrik® NL4
FITTINGS	21 x M8 threaded inserts 1 x Pole mount socket 1 x Pocket handle
DIMENSIONS	(W) 360mm x (H) 571mm x (D) 341mm (W) 14.2ins x (H) 22.5ins x (D) 13.4ins
WEIGHT	19.5kg (43lbs)



The Dorchester, UK

STAGE MONITORS

Martin Audio introduced the first LE monitor, the LE200, in the 1970's. Since then its successors, the LE400 and LE700 have become industry standards selling in their thousands and gracing the most prestigious stages for an unrivalled who's who of artists.

The LE2100S, LE1500LS and LE1200LS stage monitors are capable of generating exceedingly high SPL's with a minimum of distortion. They are housed in contemporary styled, camera friendly cabinets of lightweight, yet exceedingly robust construction and are ideally suited to any stage monitoring requirement.

Martin Audio has long been heralded for ground breaking horn design and the Differential Dispersion™ horns in the new LE

Series continue that tradition. Differential Dispersion horns, with wide horizontal coverage close-up, gradually reducing as the performer moves back, allow high SPL's and consistent coverage to be achieved without running into feedback or excessive spill problems. The performer is free to move over a wide area without hearing significant changes in frequency response or SPL.

Right-handed versions of the LE1500LS and LE1200LS are available as the LE1500RS and the LE1200RS respectively.

The LE Series – still setting the standard for stage monitors.



LE2100S



TYPE	Three-way bi-amp stage monitor with symmetrically arrayed 2 x 12" LF, phase plug loaded MF and differential dispersion HF horn
FREQUENCY RESPONSE (1)	56Hz-18kHz $\pm$ 3dB, -10dB @ 48Hz
DRIVERS	2 x 12" (300mm)/3" (75mm) voice coil, ultra-long excursion, neodymium magnet, water resistant cone, reflex loaded LF driver 6.5" (165mm)/2" (50mm) ccaw ribbon voice coil, water resistant cone 1" (25mm) exit, 1.7" (44mm) voice coil, neodymium magnet, titanium dome HF compression driver
RATED POWER (2)	LF: 800W AES, 3200W peak, MF + HF: 250W AES, 1000W peak
SENSITIVITY (3)	LF: 101dB, MF + HF: 102dB
MAXIMUM SPL (9)	LF: 130dB continuous, 136dB peak MF + HF: 126dB continuous, 132dB peak
NOMINAL IMPEDANCE	LF: 4 ohms, MF + HF: 8 ohms
DISPERSION (-6dB)	60° - 100° horizontal (differential dispersion), 60° vertical
CONNECTORS	4 x Neutrik® NL4
FITTINGS	4 x skids - 4 x M8 inserts
DIMENSIONS	(W) 826mm x (H) 385mm x (D) 582mm (W) 32.5ins x (H) 15.2ins x (D) 22.9ins
WEIGHT	39.5kg (87lbs)

LE1200LS

RIGHT-HAND VERSION AVAILABLE AS LE1200RS



TYPE	Two-way reflex passive/bi-amp stage monitor with differential dispersion HF horn
FREQUENCY RESPONSE (1)	64Hz-18kHz $\pm$ 3dB, -10dB @ 54Hz
DRIVERS	12" (300mm)/3" (75mm) voice coil, ultra-long excursion, water resistant cone LF driver 1.4" (35mm) exit, 3" (75mm) voice coil titanium dome HF compression driver
RATED POWER (2)	FR/LF: 400W AES, 1600W peak, HF: 80W AES, 320W peak
SENSITIVITY (3)	FR: 97dB, LF: 98dB, HF: 106dB
MAXIMUM SPL (9)	FR: 123dB continuous, 129dB peak LF: 124dB continuous, 130dB peak HF: 125dB continuous, 131dB peak
NOMINAL IMPEDANCE	FR/LF: 8 ohms, HF: 16 ohms
DISPERSION (-6dB)	60° - 100° horizontal (differential dispersion), 60° vertical
CONNECTORS	4 x Neutrik® NL4
FITTINGS	4 x skids - 4 x M8 inserts
DIMENSIONS	(W) 596mm x (H) 292mm x (D) 470mm (W) 23.5ins x (H) 11.5ins x (D) 18.5ins
WEIGHT	20.5kg (45lbs)

LE1500LS

RIGHT-HAND VERSION AVAILABLE AS LE1500RS



TYPE	Two-way reflex passive/bi-amp stage monitor with differential dispersion HF horn
FREQUENCY RESPONSE (1)	56Hz-18kHz $\pm$ 3dB, -10dB @ 48Hz
DRIVERS	15" (380mm)/4" (100mm) voice coil, ultra-long excursion, water resistant cone LF driver 1.4" (35mm) exit, 3" (75mm) voice coil titanium dome HF compression driver
RATED POWER (2)	FR/LF: 600W AES, 2400W peak HF: 80W AES, 320W peak
SENSITIVITY (3)	FR: 98dB, LF: 99dB, HF: 106dB
MAXIMUM SPL (9)	FR: 125dB continuous, 131dB peak LF: 126dB continuous, 132dB peak HF: 125dB continuous, 131dB peak
NOMINAL IMPEDANCE	FR/LF: 8 ohms, HF: 16 ohms
DISPERSION (-6dB)	60° - 100° horizontal (differential dispersion), 60° vertical
CONNECTORS	4 x Neutrik® NL4
FITTINGS	4 x skids - 4 x M8 inserts
DIMENSIONS	(W) 710mm x (H) 385mm x (D) 582mm (W) 27.9ins x (H) 15.2ins x (D) 22.9ins
WEIGHT	36kg (79lbs)



Black Crowes Tour, USA

SUBWOOFERS

Martin Audio has always had a reputation for producing exceptional subwoofers, and this is maintained with the current range.

The now legendary WS218X is ideal for premium large-scale touring and installation requirements and features two powerful, reflex-loaded 18" (450mm), 1000 Watt AES drivers with magnet structures and suspensions engineered for maximum linear excursion.

The WS18X is a high performance sub-bass system designed small-to-medium scale touring and install applications. Housing a powerful 18" (450mm) driver, the enclosure has handles and castors for ease of deployment, plus a top hat fitting that enables a compact full-range system to be pole-mounted on top of the sub.

The PSX is a companion self-powered subwoofer for the DD6, XD12 and XD15 full-range systems. Featuring a 15" (380mm) long-excursion driver in an extremely compact reflex enclosure, it has two channels of onboard DSP and Class D amplification — one channel for itself and one channel to power an XD12, an XD15, or up to three DD6's.

WS218X



TYPE	Dual-driver vented sub-bass system
FREQUENCY RESPONSE (1)	35Hz-150Hz $\pm$ 3dB
DRIVERS	2 x 18" (460mm)/4" (100mm) voice coil, ultra-long excursion, water resistant cone LF drivers
RATED POWER (2)	2000W AES, 8000W peak
SENSITIVITY (3)	105dB (half space)
MAXIMUM SPL (9)	138dB continuous, 144dB peak (half space)
NOMINAL IMPEDANCE	8 ohms per driver
CONNECTORS	2 x Neutrik® NL8
FITTINGS	4 x 4" (100mm) castors — Pocket handles — Front lid fittings
DIMENSIONS (inc. wheels)	(W) 1066mm x (H) 561mm x (D) 780mm (911mm) (W) 42ins x (H) 22.1ins x (D) 30.7ins (35.9ins)
WEIGHT	89kg (196.2lbs)

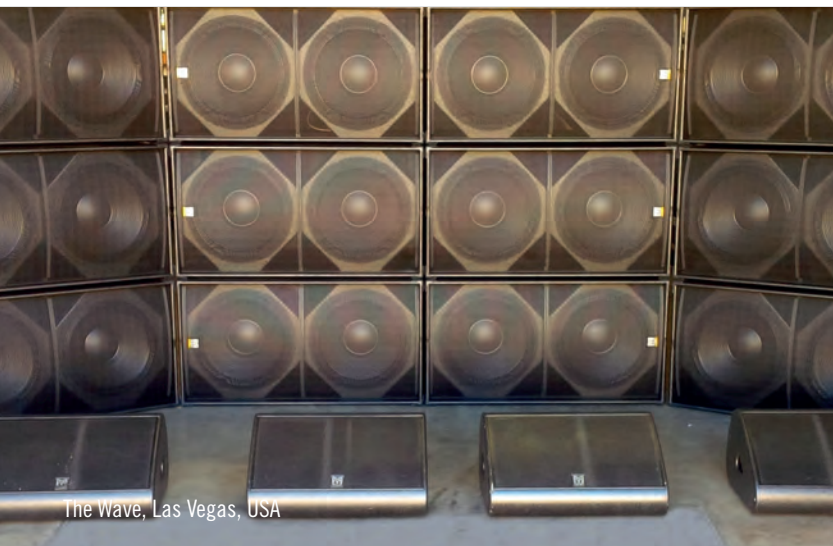
WS18X



TYPE	Compact vented sub-bass system
FREQUENCY RESPONSE (1)	35Hz-150Hz $\pm$ 3dB, -10dB @ 28Hz
DRIVERS	18" (460mm)/4" (100mm) voice coil, ultra-long excursion, water resistant cone LF driver
RATED POWER (2)	1000W AES, 4000W peak
SENSITIVITY (3)	102dB (half space)
MAXIMUM SPL (9)	132dB continuous, 138dB peak (half space)
NOMINAL IMPEDANCE	8 ohms
CONNECTORS	2 x Neutrik® NL8
FITTINGS	4 x 4" (100mm) castors — Pocket handles — Front lid fittings
DIMENSIONS (inc. wheels)	(W) 561mm x (H) 533mm x (D) 780mm (911mm) (W) 22.1ins x (H) 21ins x (D) 30.7ins (35.9ins)
WEIGHT	52.5kg (116lbs)

PSX

TYPE	Compact, self-powered 15" subwoofer with output for satellite system
FREQUENCY RESPONSE (1)	48Hz-150Hz $\pm$ 3dB, -10dB @ 40Hz
DRIVER	1 x 15" (380mm)/4" (100mm) voice coil, ultra long excursion, high efficiency ferrite magnet
RATED POWER (2)	800W AES, 3200W peak
MAXIMUM SPL (9)	133dB continuous, 136dB peak
AMPLIFIER TYPE	2 channel switch-mode, class D
PEAK OUTPUT POWER	1400W PSX subwoofer, 1000W satellite system
AC INPUT OPERATING RANGE	100 – 240V ~ AC, 50 - 60Hz
FITTINGS	M20 threaded plate for pole mount, Bar handles Wheelboard latch plates Weather protection cowl
OPTIONAL ACCESSORIES	Wheelboard with 4 x 100mm castors
DIMENSIONS (inc. w/board)	(W) 500mm x (H) 565mm x (D) 574mm (735mm)
WEIGHT	(W) 19.6ins x (H) 22.2ins x (D) 22.6in (28.9ins) 48.2kg (106.2lbs)



The Wave, Las Vegas, USA



Nest of Angels, Romania

BLACKLINE+ SERIES

Blackline+ systems are synonymous with exceptional sound quality and reliability and have become the benchmark for premium live music venues, nightclubs and installations worldwide.

All low frequency drivers used in the two-way systems now benefit from the addition of aluminium demodulation rings to minimise the variation in voice coil inductance as the coil moves in the gap. The result is improved midrange clarity and reduced intermodulation distortion at high excursions, ensuring

that the sound balance and quality is maintained even at high levels.

In the development of the Blackline+ Series, special attention has also been given to matching the directivity of the low frequency drivers to the HF horns in the crossover region. This has been achieved by careful choice of LF cone profiles, together with improvements in the crossover design.

Blackline+ – superior by design.



H3T+



TYPE	Three-way bi-amp/tri-amp trapezoid Hybrid® fully horn loaded
FREQUENCY RESPONSE (5)	50Hz-18kHz $\pm$ 3dB
DRIVERS	15" (380mm)/4" (100mm) voice coil bass driver 10" (250mm)/2.5" (63.5mm) voice coil mid driver 1" (25mm) exit HF compression driver
RATED POWER (2)	LF: 750W AES, 3000W peak MF/(MF + HF): 300W AES, 1200W peak HF: 60W AES, 240W peak
SENSITIVITY (6)	LF: 104dB, MF/(MF + HF): 104dB, HF: 106dB
MAXIMUM SPL (9)	133dB continuous, 139dB peak
NOMINAL IMPEDANCE	LF: 8 ohms, MF/(MF + HF): 8 ohms, HF: 8 ohms
DISPERSION (-6dB)	70° horizontal, 40° vertical
CONNECTORS	2 x Neutrik® NL8
FITTINGS	12 x M10 threaded inserts, 4 x 4" (100mm) castors
DIMENSIONS (inc. wheels)	(W) 560mm x (H) 1066mm x (D) 780mm (911mm) (W) 22ins x (H) 42ins x (D) 30.7ins (35.9ins)
WEIGHT	77.5kg (170.5lbs)

H3H+



TYPE	Three-way bi-amp/tri-amp trapezoid Hybrid® fully horn loaded
FREQUENCY RESPONSE (5)	50Hz-18kHz $\pm$ 3dB
DRIVERS	15" (380mm)/4" (100mm) voice coil bass driver 10" (250mm)/2.5" (63.5mm) voice coil mid driver 1" (25mm) exit HF compression driver
RATED POWER (2)	LF: 750W AES, 3000W peak MF + HF: 300W AES, 1200W peak
SENSITIVITY (6)	LF: 104dB, MF + HF: 104dB
MAXIMUM SPL (9)	133dB continuous, 139dB peak
NOMINAL IMPEDANCE	LF: 8 ohms, MF + HF: 8 ohms
DISPERSION (-6dB)	70° horizontal, 40° vertical
CONNECTORS	2 x Neutrik® NL4
FITTINGS	12 x M10 threaded inserts, 4 x 4" (100mm) castors
DIMENSIONS (inc. wheels)	(W) 1066mm x (H) 560mm x (D) 780mm (911mm) (W) 42ins x (H) 22ins x (D) 30.7ins (35.9ins)
WEIGHT	77.5kg (170.5lbs)

H3+



TYPE	Three-way bi-amp/tri-amp trapezoid Hybrid® fully horn loaded
FREQUENCY RESPONSE (5)	50Hz-18kHz $\pm$ 3dB
DRIVERS	15" (380mm)/4" (100mm) voice coil bass driver 10" (250mm)/2.5" (63.5mm) voice coil mid driver 1" (25mm) exit HF compression driver
RATED POWER (2)	LF: 750W AES, 3000W peak MF + HF: 300W AES, 1200W peak
SENSITIVITY (6)	LF: 104dB, MF + HF: 104dB
MAXIMUM SPL (9)	133dB continuous, 139dB peak
NOMINAL IMPEDANCE	LF: 8 ohms, MF + HF: 8 ohms
DISPERSION (-6dB)	70° horizontal, 40° vertical
CONNECTORS	2 x Neutrik® NL4
FITTINGS	12 x M10 threaded inserts, 4 x 4" (100mm) castors
DIMENSIONS (inc. wheels)	(W) 560mm x (H) 1066mm x (D) 780mm (911mm) (W) 22ins x (H) 42ins x (D) 30.7ins (35.9ins)
WEIGHT	77.5kg (170.5lbs)

F215+



TYPE	Two-way passive reflex with dual bass drivers
FREQUENCY RESPONSE (5)	45Hz-18kHz $\pm$ 3dB, -10dB @ 40Hz
DRIVERS	2 x 15" (380mm)/3" (75mm) voice coil, neodymium magnet LF drivers 1.4" (35mm) exit HF compression driver
RATED POWER (2)	800W AES, 3200W peak
SENSITIVITY (6)	101dB
MAXIMUM SPL (9)	130dB continuous, 136dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	80° horizontal, 50° vertical
CONNECTORS	2 x Neutrik® NL4
FITTINGS	12 x M10 threaded inserts, 4 x 4" (100mm) castors
DIMENSIONS (inc. wheels)	(W) 560mm x (H) 1066mm x (D) 496mm (627mm) (W) 22ins x (H) 42ins x (D) 19.5ins (24.7ins)
WEIGHT	59kg (130lbs)

| F15+



TYPE	Compact, two-way passive
FREQUENCY RESPONSE (5)	55Hz-18kHz $\pm$ 3dB, -10dB @ 45Hz
DRIVERS	15" (380mm)/3" (75mm) voice coil, neodymium magnet LF driver 1.4" (35mm) exit HF compression driver
RATED POWER (2)	400W AES, 1600W peak
SENSITIVITY (6)	100dB
MAXIMUM SPL (9)	126dB continuous, 132dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	80° horizontal, 50° vertical
CONNECTORS	2 x Neutrik® NL4
FITTINGS	12 x M8 threaded inserts, mounting pole socket
DIMENSIONS	(W) 471mm x (H) 690mm x (D) 443mm (W) 18.5ins x (H) 27.2ins x (D) 17.5ins
WEIGHT	30.5kg (67lbs)

| F10+



TYPE	Compact, two-way passive
FREQUENCY RESPONSE (5)	65Hz-20kHz $\pm$ 3dB, -10dB @ 56Hz
DRIVERS	10" (250mm)/2.5" (63.5mm) voice coil LF driver 1" (25mm) exit HF compression driver
RATED POWER (2)	300W AES, 1200W peak
SENSITIVITY (6)	96dB
MAXIMUM SPL (9)	121dB continuous, 127dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	90° horizontal, 50° vertical
CONNECTORS	2 x Neutrik® NL4
FITTINGS	10 x M8, 4 x M8 threaded inserts, mounting pole socket
DIMENSIONS	(W) 351mm x (H) 500mm x (D) 317mm (W) 13.8ins x (H) 19.7ins x (D) 12.5ins
WEIGHT	17kg (37lbs)

| F12+



TYPE	Compact, two-way passive
FREQUENCY RESPONSE (5)	65Hz-18kHz $\pm$ 3dB, -10dB @ 55Hz
DRIVERS	12" (300mm)/2.5" (63.5mm) voice coil LF driver 1" (25mm) exit HF compression driver
RATED POWER (2)	300W AES, 1200W peak
SENSITIVITY (6)	97dB
MAXIMUM SPL (9)	122dB continuous, 128dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	80° horizontal, 50° vertical
CONNECTORS	2 x Neutrik® NL4
FITTINGS	10 x M8, 4 x M8 threaded inserts, mounting pole socket
DIMENSIONS	(W) 398mm x (H) 571mm x (D) 365mm (W) 15.6ins x (H) 22.5ins x (D) 14.3ins
WEIGHT	21kg (46lbs)

| F8+



TYPE	Ultra-compact, two-way passive
FREQUENCY RESPONSE (5)	70Hz-20kHz $\pm$ 3dB, -10dB @ 55Hz
DRIVERS	8" (200mm)/2" (50mm) voice coil LF driver 1" (25mm) exit HF compression driver
RATED POWER (2)	150W AES, 600W peak
SENSITIVITY (6)	93dB
MAXIMUM SPL (9)	115dB continuous, 121dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	90° horizontal, 50° vertical
CONNECTORS	2 x Neutrik® NL4
FITTINGS	10 x M8, 4 x M6 threaded inserts, mounting pole socket
DIMENSIONS	(W) 299mm x (H) 435mm x (D) 269mm (W) 11.8ins x (H) 17.1ins x (D) 10.6ins
WEIGHT	12kg (26lbs)



Lavo Club, New York, USA

Lavo Club, New York, USA

IS218+



TYPE	Dual-driver, vented sub-bass system
FREQUENCY RESPONSE (1)	35Hz-150Hz $\pm$ 3dB, -10dB @ 28Hz
DRIVERS	2 x 18" (460mm)/4" (100mm) voice coil LF drivers
RATED POWER (2)	1500W AES, 6000W peak
SENSITIVITY (3)	105dB (half space)
MAXIMUM SPL (9)	136.5dB continuous, 142.5dB peak (half space)
NOMINAL IMPEDANCE	4 ohms
CONNECTORS	2 x Neutrik® NL4
FITTINGS	4 x 4" (100mm) castors
DIMENSIONS (inc. wheels)	(W) 561mm x (H) 1066mm x (D) 780mm (911mm) (W) 22.1ins x (H) 42ins x (D) 30.7ins (35.9ins)
WEIGHT	87kg (191.5lbs)

IS15+



TYPE	Compact, vented sub-bass system
FREQUENCY RESPONSE (1)	45Hz-120Hz $\pm$ 3dB, -10dB @ 40Hz
DRIVERS	15" (380mm)/4" (100mm) voice coil LF driver
RATED POWER (2)	750W AES, 3000W peak
SENSITIVITY (3)	101dB (half space)
MAXIMUM SPL (9)	129.5dB continuous, 135.5dB peak (half space)
NOMINAL IMPEDANCE	8 ohms
CONNECTORS	2 x Neutrik® NL4
FITTINGS	Pole mount socket
DIMENSIONS	(W) 470mm x (H) 690mm x (D) 496mm (W) 18.5ins x (H) 27.2ins x (D) 19.5ins
WEIGHT	38.5kg (84.5lbs)

IS18+



TYPE	Compact, vented sub-bass system
FREQUENCY RESPONSE (1)	40Hz-120Hz $\pm$ 3dB, -10dB @ 35Hz
DRIVERS	18" (460mm)/4" (100mm) voice coil LF driver
RATED POWER (2)	750W AES, 3000W peak
SENSITIVITY (3)	102dB (half space)
MAXIMUM SPL (9)	130.5dB continuous, 136.5dB peak (half space)
NOMINAL IMPEDANCE	8 ohms
CONNECTORS	2 x Neutrik® NL4
FITTINGS	Pole mount socket
DIMENSIONS	(W) 561mm x (H) 690mm x (D) 595mm (W) 22.1ins x (H) 27.2ins x (D) 23.4ins
WEIGHT	45kg (99lbs)

IS12+



TYPE	Compact, sub-bass system
FREQUENCY RESPONSE (1)	52Hz-150Hz $\pm$ 3dB, -10dB @ 43Hz
DRIVERS	12" (300mm)/3" (75mm) voice coil LF driver
RATED POWER (2)	400W AES, 1600W peak
SENSITIVITY (3)	100dB (half space)
MAXIMUM SPL (9)	126dB continuous, 132dB peak (half space)
NOMINAL IMPEDANCE	8 ohms
CONNECTORS	2 x Neutrik® NL4
FITTINGS	Pole mount socket
DIMENSIONS	(W) 398mm x (H) 571mm x (D) 364mm (W) 15.6ins x (H) 22.5ins x (D) 14.3ins
WEIGHT	20kg (44lbs)



Eric Morillo, Ministry of Sound



Nest of Angels, Romania



Barrio East, London, UK



Gorilla, Manchester, UK

CDD SERIES

Martin Audio brings engineering innovation to installed sound with the all-new CDD™ Series — combining distinctive curved enclosures with unique Coaxial Differential Dispersion™ technology to deliver class-leading performance, fidelity and coverage consistency to venues that demand the ultimate in cutting-edge technology and style.

Whether it's a bar, an AV installation, a church or a prestige nightclub — the CDD Series has it covered. CDD is the one-stop solution; six two-way full-range coaxial systems — from the micro CDD5 to the powerful CDD15, complemented by high-performance subwoofers — cover practically all install applications.

The CDD Series has the audience covered too. Coaxial Differential Dispersion technology delivers more consistent

audience coverage than systems with X° x Y° horns — projecting more output to the rear of the audience to distribute sound evenly front-to-back, while having wide horizontal coverage close-up.

Visually-appealing enclosure design is a signature of the CDD Series. The full-range enclosures can be used in either horizontal or vertical orientation, with rotation of the coaxial driver easily accomplished by removing the screw-free, protective grille. The curved shape of each full-range enclosure allows it to be discreetly mounted close to a wall and threaded inserts are provided for eyebolt suspension of most models.

The CDD Series — the shape of things to come.



CDD5

AVAILABLE WITH LINE TRANSFORMER AS CDD5TX

TYPE	Ultra-compact, Coaxial Differential Dispersion passive two-way system
FREQUENCY RESPONSE	100Hz-20kHz $\pm$ 3dB, -10dB @ 70Hz
COAXIAL DRIVER	LF: 5.25" (130mm)/1.25" (32mm) voice coil, long excursion, ferrite motor system HF: 0.75" (19mm) voice coil, fabric dome with neodymium motor system
RATED POWER	100W AES, 400W peak
SENSITIVITY	90dB
MAXIMUM SPL	110dB continuous, 116dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	120°-90° horizontal, 80° vertical (user-rotatable)
CONNECTORS	Low profile 13A push-lock
FITTINGS	6 x M5 inserts for wall/ceiling brackets
DIMENSIONS	(W) 160mm x (H) 230mm x (D) 149mm (W) 6.3ins x (H) 9.1ins x (D) 5.9ins
WEIGHT	2.7kg (6lbs)

CDD5 is supplied with wall mount tilt/pan bracket



CDD8

TYPE	Ultra-compact, Coaxial Differential Dispersion passive two-way system
FREQUENCY RESPONSE	70Hz-20kHz $\pm$ 3dB, -10dB @ 55Hz
COAXIAL DRIVER	LF: 8" (200mm)/2" (50mm) voice coil, long excursion, shared ferrite motor system with HF HF: 1" (25mm) exit/1.4" (38mm) voice coil, polyimide dome compression driver
RATED POWER	200W AES, 800W peak
SENSITIVITY	94dB
MAXIMUM SPL	117dB continuous, 123dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	110°-80° horizontal, 60° vertical (user-rotatable)
CONNECTORS	Low profile 13A push-lock
FITTINGS	6 x M6 inserts for wall/ceiling brackets
DIMENSIONS	(W) 256mm x (H) 410mm x (D) 253mm (W) 10.1ins x (H) 16.1ins x (D) 10ins
WEIGHT	9.5kg (21lbs)



CDD6

TYPE	Ultra-compact, Coaxial Differential Dispersion passive two-way system
FREQUENCY RESPONSE	80Hz-20kHz $\pm$ 3dB, -10dB @ 70Hz
COAXIAL DRIVER	LF: 6.5" (165mm)/1.5" (38mm) voice coil, long excursion, ferrite motor system HF: 1" (25mm) voice coil, fabric dome with neodymium motor system
RATED POWER	150W AES, 600W peak
SENSITIVITY	91dB
MAXIMUM SPL	113dB continuous, 119dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	110°-80° horizontal, 80° vertical (user-rotatable)
CONNECTORS	Low profile 13A push-lock
FITTINGS	4 x M6 inserts for wall/ceiling brackets
DIMENSIONS	(W) 210mm x (H) 325mm x (D) 210mm (W) 8.3ins x (H) 12.8ins x (D) 8.3ins
WEIGHT	5kg (11lbs)



CDD10

TYPE	Compact, Coaxial Differential Dispersion passive two-way system
FREQUENCY RESPONSE	65Hz-20kHz $\pm$ 3dB, -10dB @ 55Hz
COAXIAL DRIVER	LF: 10" (250mm)/2.5" (63.5mm) voice coil, long excursion, shared ferrite motor system with HF HF: 1" (25mm) exit/1.4" (38mm) voice coil, polyimide dome compression driver
RATED POWER	250W AES, 1000W peak
SENSITIVITY	96dB
MAXIMUM SPL	120dB continuous, 126dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	110°-75° horizontal, 60° vertical (user-rotatable)
CONNECTORS	Low profile 20A push-lock
FITTINGS	6 x M8 inserts for wall/ceiling brackets, 10 x M8 fly points
DIMENSIONS	(W) 323mm x (H) 515mm x (D) 311mm (W) 12.7ins x (H) 20.3ins x (D) 12.2ins
WEIGHT	15.3kg (33.7lbs)



CDD12

TYPE	Compact, high-output, Coaxial Differential Dispersion passive two-way system
FREQUENCY RESPONSE	62Hz-20kHz $\pm$ 3dB, -10dB @ 50Hz
COAXIAL DRIVER	LF: 12" (300mm)/2.5" (63.5mm) voice coil, long excursion, shared ferrite motor system with HF HF: 1" (25mm) exit/1.7" (44mm) voice coil, polyimide dome compression driver
RATED POWER	300W AES, 1200W peak
SENSITIVITY	97dB
MAXIMUM SPL	122dB continuous, 128dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	110°-60° horizontal, 60° vertical (user-rotatable)
CONNECTORS	Low profile 20A push-lock
FITTINGS	6 x M8 inserts for wall/ceiling brackets, 10 x M8 fly points
DIMENSIONS	(W) 357mm x (H) 571mm x (D) 348mm (W) 14.1ins x (H) 22.5ins x (D) 13.7ins
WEIGHT	19.3kg (42.5lbs)



CDD15

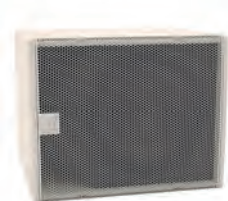
TYPE	High-output, Coaxial Differential Dispersion passive two-way system
FREQUENCY RESPONSE	55Hz-18kHz $\pm$ 3dB, -10dB @ 45Hz
COAXIAL DRIVER	LF: 15" (380mm)/3" (75mm) voice coil, long excursion, shared ferrite motor system with HF HF: 1.4" (36mm) exit/3" (75mm) voice coil, titanium dome compression driver
RATED POWER	400W AES, 1600W peak
SENSITIVITY	100dB
MAXIMUM SPL	126dB continuous, 132dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	100°-60° horizontal, 60° vertical (user-rotatable)
CONNECTORS	Low profile 20A push-lock
FITTINGS	10 x M8 fly points
DIMENSIONS	(W) 425mm x (H) 691mm x (D) 411mm (W) 16.7ins x (H) 27.2ins x (D) 16.2ins
WEIGHT	27.7kg (61lbs)



CSX112

AVAILABLE WITH FLYING POINTS AS CSX112-F

TYPE	Compact, single driver, direct radiating subwoofer
FREQUENCY RESPONSE	48Hz-150Hz $\pm$ 3dB, -10dB @ 35Hz
DRIVER	12" (300mm)/3" (75mm) voice coil, long excursion, ferrite magnet, waterproof cone
RATED POWER	400W AES, 1600W peak
SENSITIVITY	102dB
MAXIMUM SPL	128dB continuous, 134dB peak
NOMINAL IMPEDANCE	8 ohms
CONNECTORS	Low profile 20A push-lock
DIMENSIONS	(W) 487mm x (H) 385mm x (D) 410mm (W) 19.2ins x (H) 15.2ins x (D) 16.1ins
WEIGHT	21.5kg (47.3lbs)



CSX118

AVAILABLE WITH FLYING POINTS AS CSX118-F

TYPE	Compact, direct radiating subwoofer
FREQUENCY RESPONSE	40Hz-150Hz $\pm$ 3dB, -10dB @ 35Hz
DRIVER	18" (460mm)/4" (100mm) voice coil, long excursion, ferrite magnet, waterproof cone
RATED POWER	1000W AES, 4000W peak
SENSITIVITY	102dB
MAXIMUM SPL	132dB continuous, 138dB peak
NOMINAL IMPEDANCE	8 ohms
CONNECTORS	Low profile 20A push-lock
DIMENSIONS	(W) 530mm x (H) 662mm x (D) 640mm (W) 20.9ins x (H) 26.1ins x (D) 25.2ins
WEIGHT	42kg (93lbs)



CSX212

AVAILABLE WITH FLYING POINTS AS CSX212-F



TYPE	Compact, dual-driver, direct radiating subwoofer
FREQUENCY RESPONSE	48Hz-150Hz $\pm$ 3dB, -10dB @ 35Hz
DRIVER	2 x 12" (300mm)/3" (75mm) voice coil, long excursion, ferrite magnet, waterproof cone
RATED POWER	800W AES, 3200W peak
SENSITIVITY	105dB
MAXIMUM SPL	134dB continuous, 140dB peak
NOMINAL IMPEDANCE	4 ohms
CONNECTORS	Low profile 20A push-lock
DIMENSIONS	(W) 872mm x (H) 385mm x (D) 437mm (W) 34.3ins x (H) 15.2ins x (D) 17.2ins
WEIGHT	39kg (86lbs)



CSX218

AVAILABLE WITH FLYING POINTS AS CSX218-F



TYPE	Dual-driver, direct radiating subwoofer
FREQUENCY RESPONSE	35Hz-150Hz $\pm$ 3dB, -10dB @ 30Hz
DRIVERS	2 x 18" (460mm)/4" (100mm) voice coil, long excursion, ferrite magnet, waterproof cone
RATED POWER	2000W AES, 8000W peak
SENSITIVITY	105dB
MAXIMUM SPL	138dB continuous, 144dB peak
NOMINAL IMPEDANCE	4 ohms
CONNECTORS	Low profile 20A push-lock
FITTINGS	Four pocket handles
DIMENSIONS (inc. wheels)	(W) 1085mm x (H) 530mm x (D) 780mm (905mm) (W) 42.7ins x (H) 20.9ins x (D) 30.7ins (35.6ins)
WEIGHT	84kg (185lbs)





St Andrews Cathedral, Sydney, Australia

OMNILINE®

OmniLine® is a versatile, articulated micro-array designed for a wide variety of architectural environments— from churches to transport terminals. Its ability to reproduce very high frequencies without side-lobes makes OmniLine the ideal solution in challenging reverberant spaces.

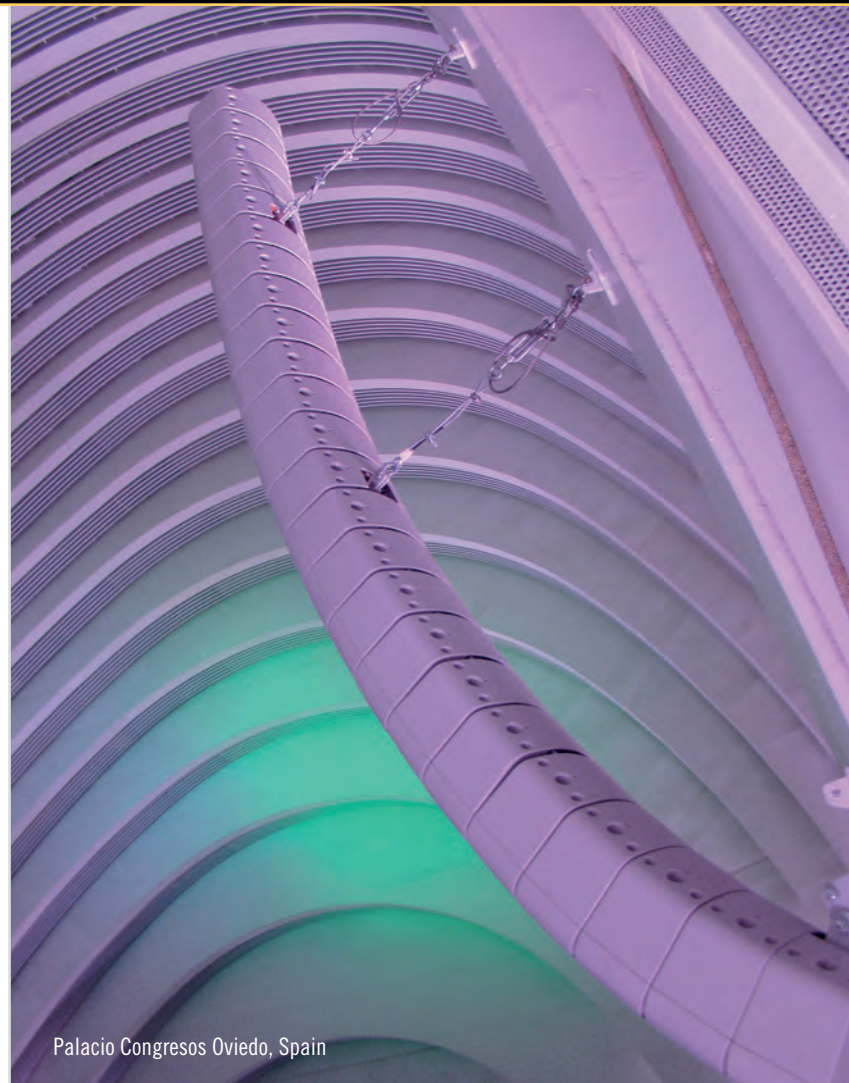
Rather than applying DSP to a traditional column, OmniLine's vertical beam-forming is achieved by physically articulating individual array modules to curve the array. In many instances, only one amplifier channel is required. The array configuration for a specific venue is determined by powerful optimisation software which makes intelligent judgements about how well the array performs against objective target functions. This enables focused sound energy to be delivered precisely where needed and kept away from reflective surfaces and ceilings.

An OmniLine array is constructed in multiples of 4 modules, up to a maximum of 24. Each module uses a line of five custom-designed dome tweeters, with a spacing of only 21mm between each to eliminate vertical side-lobes. The unique 3D 'cones' of the LF drivers are sculpted from an ultra-light, stiff material and precisely follow the contours of the waveguide walls — avoiding wall-cavity effects and contributing to the flawless 100° horizontal constant-directivity pattern.

OmniLine modules are finished in a neutral light grey and combine to form aesthetically pleasing, variable length arrays of outstanding audio quality that will enhance even the most demanding architectural environment.

OMNILINE®


TYPE	Two-way micro line array module
FREQUENCY RESPONSE (5)	85Hz-20kHz $\pm$ 3dB, -10dB @ 76Hz
DRIVERS	2 x 3.5" (87mm)/1" (25mm) voice coil LF drivers 5 x 0.55" (14mm) soft dome tweeters
RATED POWER (2)	50W AES, 200W peak
SENSITIVITY (8)	84dB at LF rising to 92dB at HF
MAXIMUM SPL (9)	104dB continuous, 110dB peak
NOMINAL IMPEDANCE	16 ohms
DISPERSION (-6dB)	100° horizontal, 5° vertical
CONNECTORS	4 pole socket
FITTINGS	6 x M8 fixings for wall and flying brackets
DIMENSIONS	(W) 246mm x (H) 115mm x (D) 198mm (W) 9.7ins x (H) 4.5ins x (D) 7.8ins
WEIGHT	3.6kg (7.9lbs)



Palacio Congresos Oviedo, Spain



Palacio Congresos Oviedo, Spain



Middleton United Church, Maryland, USA



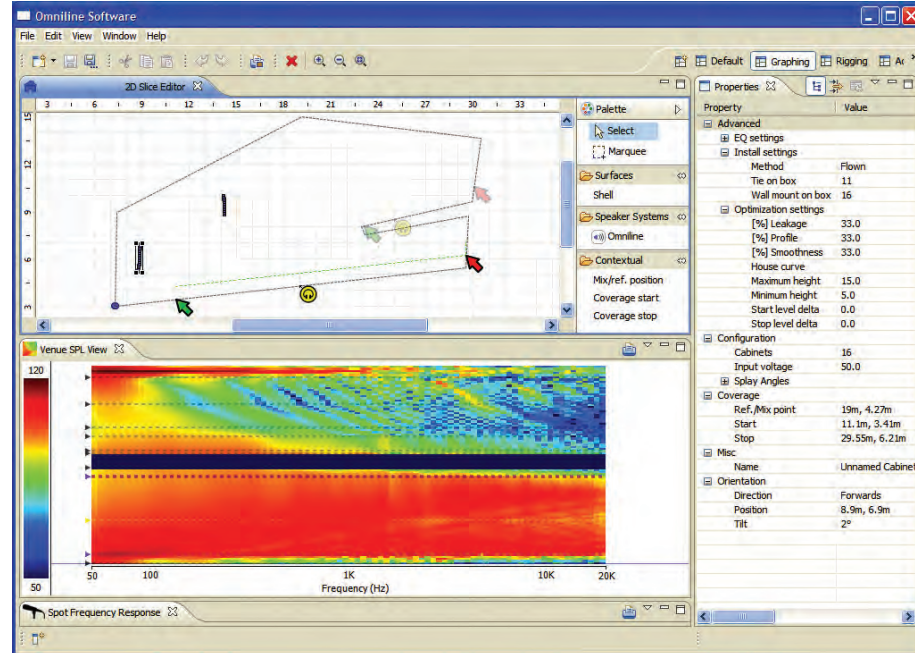
The Great Hall, Bristol University, UK

OMNILINE® SOFTWARE

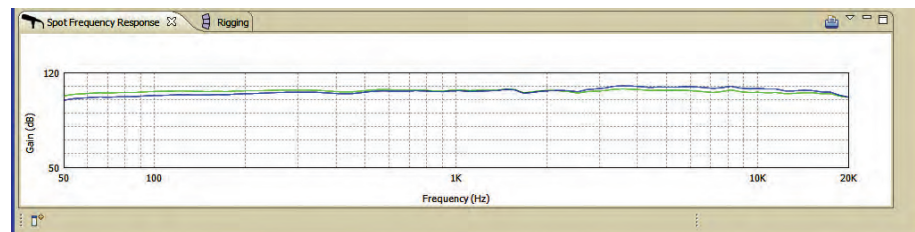
An intelligent optimisation process has been specifically developed for configuring OmniLine® arrays.

This process starts with a new way of looking at things. The frequency response of a candidate array is 'measured' virtually at 100 or more 'microphone positions' in the venue, taking into account both the audience planes where the sound is required, and planes, such as the ceiling, where it is not. These responses are viewed in IndexPlot™, a new proprietary 2D presentation format, which shows array coverage SPL and response balance at all the 'microphone positions' in the venue and at all frequencies.

The intelligent optimisation process iterates configurations of candidate arrays against various target functions such as overall shape and level, response flatness and sound leakage into non-audience areas. Indicators of 'goodness' for the SPL distribution are presented to the user as 'levers' for array design to enable the user to influence the array design process according to priorities.



Venue, properties and index view



Freq resp vs index

CEILING SERIES

Comprising the C4.8T, C6.8T and C8.1T, the Ceiling Series brings Martin Audio innovation and sound quality to the ceiling speaker install sector. Providing smooth articulate sound with high intelligibility, the Ceiling Series proves that superb sonic performance need not be sacrificed to meet the requirements of a life safety system.

The C4.8T, C6.8T and C8.1T cater for various ceiling heights and desired output levels. All are 2-way designs using soft dome tweeters for the widest dispersion and excellent off-axis performance. Wide dispersion means that less speakers are needed to cover a given area — so a superior ceiling product can be specified yet remain commercially competitive. All models have perforated steel grilles, UL94 V-0 baffle materials, and steel back cans. They have been designed in accordance with IEC60849/EN60849 and are UL2043 and UL1480 certified.

All three models are 16 ohm impedance to simplify the use of multiple units in low impedance systems, and each is fitted with a high specification transformer, enabling power selection for either 70V or 100V operation via a front mounted rotary switch.

From low-ceiling corridors and retail outlets to concourses and large ballrooms, the Martin Audio Ceiling Series is the byword for high-fidelity performance, reliability and ease-of-installation.



Amble Links, UK

C8.1T



TYPE	Ceiling mounted, two-way vented enclosure
FREQUENCY RESPONSE (1)	80Hz-18kHz $\pm$ 3dB, -10dB @ 50Hz
DRIVERS	8" (200mm) UL94V-0 PP bass driver 1" (25mm) dome tweeter
RATED POWER (2)	125W AES, 500W peak
SENSITIVITY (3)	91dB
MAXIMUM SPL (9)	112dB continuous, 118dB peak
NOMINAL IMPEDANCE	16 ohms
DISPERSION (-6dB)	90° conical up to 7kHz
CONNECTORS	Rising clamp plug and socket
ACCESSORIES (included)	60W 70/100V line transformer
VOLTAGE TAPS	100V – 60W, 30W, 15W, 7.5W 70V – 60W, 30W, 15W, 7.5W
CUT-OUT DIAMETER	308mm (12.13ins)
DIMENSIONS	(OD) 354mm x (D) 258mm (OD) 13.9ins x (D) 10.2ins
WEIGHT	6.7kg (14.8lbs)

C4.8T



TYPE	Ceiling mounted, two-way vented enclosure
FREQUENCY RESPONSE (1)	100Hz-20kHz $\pm$ 3dB, -10dB @ 80Hz
DRIVERS	4" (100mm) UL94V-0 PP bass driver 0.8" (19mm) dome tweeter
RATED POWER (2)	40W AES, 160W peak
SENSITIVITY (3)	86dB
MAXIMUM SPL (9)	102dB continuous, 108dB peak
NOMINAL IMPEDANCE	16 ohms
DISPERSION (-6dB)	180° conical up to 10kHz
CONNECTORS	Rising clamp plug and socket
ACCESSORIES (included)	25W 70/100V line transformer
VOLTAGE TAPS	100V – 25W, 12.5W, 6W 70V – 25W, 12.5W, 6W, 3W
CUT-OUT DIAMETER	178mm (7.01ins)
DIMENSIONS	(OD) 205mm x (D) 131mm (OD) 8.1ins x (D) 5.1ins
WEIGHT	2.6kg (5.7lbs)

C6.8T



TYPE	Ceiling mounted, two-way vented enclosure
FREQUENCY RESPONSE (1)	90Hz-20kHz $\pm$ 3dB, -10dB @ 70Hz
DRIVERS	6.5" (165mm) UL94V-0 PP bass driver 0.8" (19mm) dome tweeter
RATED POWER (2)	75W AES, 300W peak
SENSITIVITY (3)	89dB
MAXIMUM SPL (9)	107.5dB continuous, 113.5dB peak
NOMINAL IMPEDANCE	16 ohms
DISPERSION (-6dB)	150° conical up to 7kHz
CONNECTORS	Rising clamp plug and socket
ACCESSORIES (included)	40W 70/100V line transformer
VOLTAGE TAPS	100V – 40W, 20W, 10W 70V – 40W, 20W, 10W, 5W
CUT-OUT DIAMETER	224mm (8.82ins)
DIMENSIONS	(OD) 260mm x (D) 181mm (OD) 10.2ins x (D) 7.1ins
WEIGHT	3.5kg (7.7lbs)



Wynn Encore, Las Vegas, USA

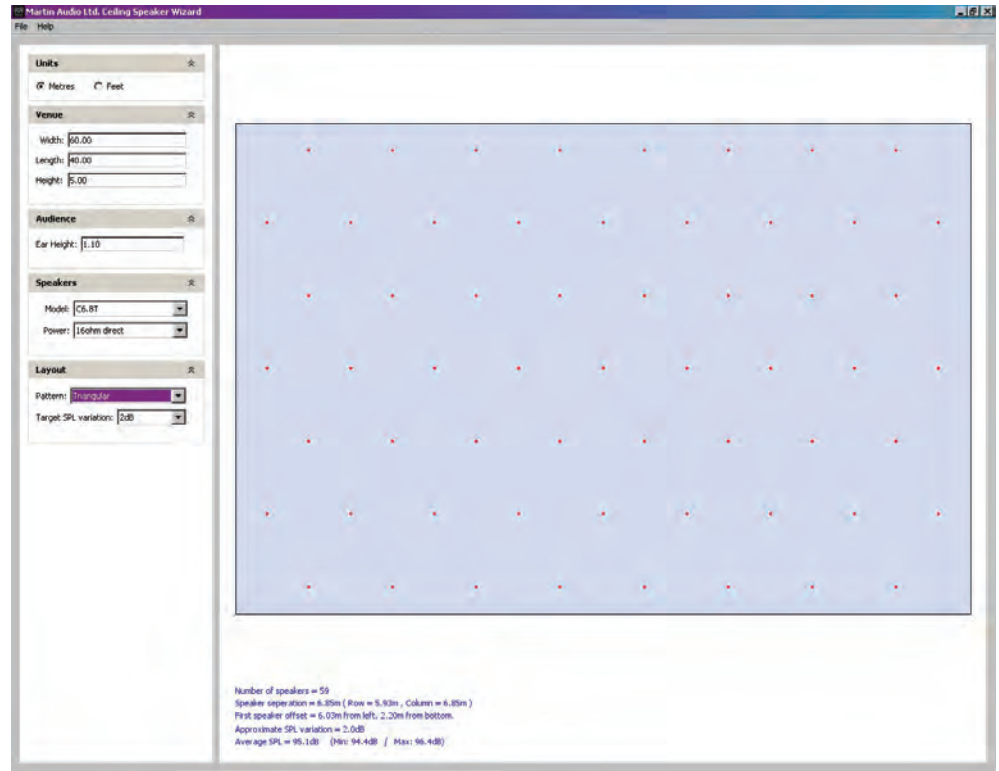


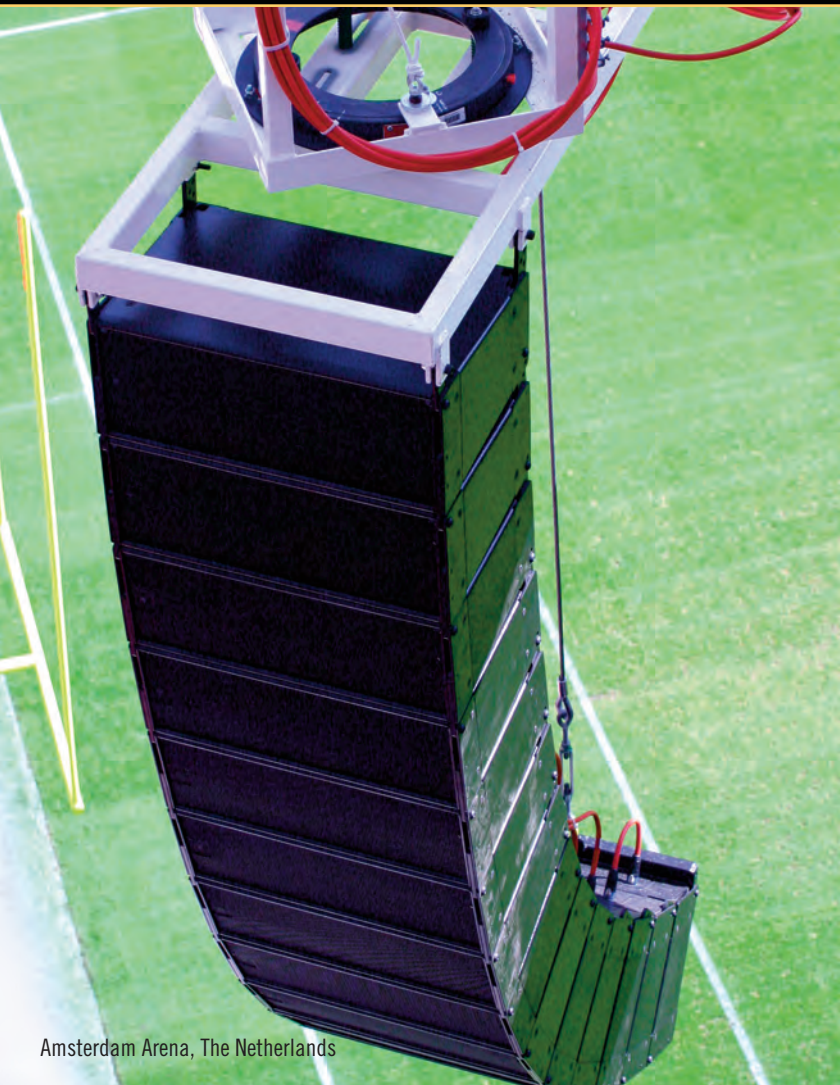
Salcombe Harbour Hotel, UK

CEILING SOFTWARE

To enable the quick and easy calculation of the number of ceiling speakers required for a specific area, Ceiling Speaker Wizard offers a simple and convenient solution. The length, width and height of the listening area are entered, the ceiling speaker model selected together with the speaker to speaker dB variation and input tap selection. From this information, the position of the ceiling speakers and SPL coverage are calculated.

With the Ceiling Speaker Wizard, the installer can be confident that the performance of the system will be exactly as predicted.





Amsterdam Arena, The Netherlands

INSTALL LINE ARRAY SYSTEMS

Martin Audio Install line array systems combine innovative horn-loading techniques with line array technology to produce extremely powerful systems with maximum dynamic impact.

By combining proven and patentable driver-loading techniques with no-compromise vertically-coupled waveguides and true constant directivity horns, the Martin Audio line arrays achieve levels of efficiency and coverage consistency not usually found in this popular format.

All Martin Audio line array systems employ dedicated, horn-loaded cone-driven mid-range sections for highly intelligible voice projection. Toroidal phase plugs optimise the acoustically correct horn designs to provide the precise pattern control and very low distortion that is simply unobtainable from traditional compression driver designs.

This series, offering the same performance as the touring line array systems, has been designed with custom flyware tailored to the needs of fixed installations. Hinging at the front rather than the rear, the rigging system minimises gaps between the acoustic elements which would otherwise interfere with the continuous column effect. The inter-cabinet splay angles are easily selected by sliding links at the rear of the enclosure.

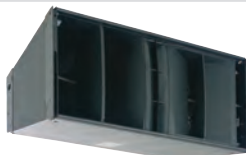
Martin Audio line arrays – in a class of their own.

W8LCI



TYPE	Three-way compact line array element
FREQUENCY RESPONSE (5)	60Hz-18kHz $\pm$ 3dB
DRIVERS	12" (300mm)/3" (75mm) voice coil, neodymium magnet driver, Hybrid [®] bass horn loaded 2 x 6.5" (165mm)/1.5" (37.5mm) voice coil drivers, horn loaded 3 x 1" (25mm) exit neodymium compression drivers, horn loaded
RATED POWER (2)	LF: 400W AES, 1600W peak MF: 200W AES, 800W peak HF: 100W AES, 400W peak
SENSITIVITY (6)	LF: 103dB, MF: 106dB, HF: 109dB
MAXIMUM SPL (9)	LF: 129dB continuous, 135dB peak MF: 129dB continuous, 135dB peak HF: 129dB continuous, 135dB peak
DISPERSION (-6dB)	90° horizontal, 7.5° vertical
DIMENSIONS	(W) 1000mm x (H) 367mm x (D) 550mm (W) 39.4ins x (H) 14.5ins x (D) 21.7ins
WEIGHT	58kg (128lbs)

W8LCDI



TYPE	Three-way compact, downfill line array element
FREQUENCY RESPONSE (5)	60Hz-18kHz $\pm$ 3dB, -10dB @ 45Hz
DRIVERS	12" (300mm)/4" (100mm) voice coil, neodymium magnet driver, Hybrid [®] bass horn loaded 2 x 6.5" (165mm)/1.5" (37.5mm) voice coil drivers, horn loaded 3 x 1" (25mm) exit neodymium compression drivers, horn loaded
RATED POWER (2)	LF: 1000W AES, 4000W peak MF: 200W AES, 800W peak HF: 100W AES, 400W peak
SENSITIVITY (6)	LF: 103dB, MF: 106dB, HF: 109dB
MAXIMUM SPL (9)	LF: 133dB continuous, 139dB peak MF: 129dB continuous, 135dB peak HF: 128dB continuous, 134dB peak
DISPERSION (-6dB)	120° horizontal (140° @ -10dB), 20° vertical
DIMENSIONS	(W) 1000mm x (H) 454mm x (D) 550mm (W) 39.4ins x (H) 17.9ins x (D) 21.7ins
WEIGHT	67kg (148lbs)

W8LMI



TYPE	Three-way passive/bi-amp, mini line array element
FREQUENCY RESPONSE (5)	60Hz-18kHz $\pm$ 3dB
DRIVERS: LF + MF Section	8" (200mm)/2" (50mm) voice coil, reflex loaded direct radiator 8" (200mm)/2" (50mm) voice coil, neodymium magnet, front horn loaded, rear reflex loaded
DRIVERS: HF Section	2 x 1" (25mm) exit HF compression drivers, horn loaded
RATED POWER (2)	LF + MF: 400W AES, 1600W peak HF: 75W AES, 300W peak Passive: 400W AES, 1600W peak
SENSITIVITY (6)	LF + MF: 100dB, HF: 106dB, Passive: 99dB rising to 105dB at HF
MAXIMUM SPL (9)	LF + MF: 126dB continuous, 132dB peak HF: 125dB continuous, 131dB peak FR: 125dB continuous, 131dB peak
DISPERSION (-6dB)	100° horizontal (down to 800Hz), 7.5° vertical
DIMENSIONS	(W) 620mm x (H) 243mm x (D) 400mm (W) 24.4ins x (H) 9.6ins x (D) 15.8ins
WEIGHT	29kg (64lbs)

W8LMDI



TYPE	Three-way passive/bi-amp, mini downfill line array element
FREQUENCY RESPONSE (5)	60Hz-18kHz $\pm$ 3dB
DRIVERS: LF + MF Section	8" (200mm)/2" (50mm) voice coil, reflex-loaded direct radiator 8" (200mm)/2" (50mm) voice coil, neodymium driver, front horn loaded, rear reflex loaded
DRIVERS: HF Section	2 x 1" (25mm) exit HF compression drivers, horn loaded
RATED POWER (2)	LF + MF: 400W AES, 1600W peak HF: 75W AES, 300W peak Passive: 400W AES, 1600W peak
SENSITIVITY (6)	LF + MF: 99dB, HF: 104dB, Passive: 98dB rising to 103dB at HF
MAXIMUM SPL (9)	LF + MF: 125dB continuous, 131dB peak HF: 123dB continuous, 129dB peak FR: 124dB continuous, 130dB peak
DISPERSION (-6dB)	120° horizontal (down to 750Hz), 20° vertical 140° horizontal (down to 650Hz) @ -10dB
DIMENSIONS	(W) 620mm x (H) 284mm x (D) 400mm (W) 24.4ins x (H) 11.2ins x (D) 15.8ins
WEIGHT	30kg (66lbs)



Centre Court, Wimbledon, UK

STADIUM SERIES

Comprising the AM10, AM12 and AM15, the Stadium Series provides the contractor with a range of loudspeakers designed for installation in any sports facility, stadium or arena where high SPL, excellent intelligibility and weather resistance are of prime importance. Stadium Series systems are of a vertical trapezoid design and horizontally formatted to reduce sightline obstruction.

All enclosures are constructed from marine ply and coated both internally and externally with a textured high-density polyurethane coating. Waterproof cone drivers are protected by heavy-galvanised and polyester-coated punched steel grilles fitted with an integral water barrier to ensure reliability over many years of outdoor use.

All internal metalwork is galvanised and each enclosure has twelve 10mm threaded inserts fitted with copper coated and blacked steel bolts to facilitate easy installation. All three Stadium Series systems are fitted with a passive crossover network and are also available with an optional 150 watt or 30 watt 100/70 volt line transformer.

Martin Audio Stadium Series – performance with safety in mind.

AM15



TYPE	Compact, two-way passive trapezoid
FREQUENCY RESPONSE (5)	55Hz-18kHz $\pm$ 3dB
DRIVERS	15" (380mm) bass driver with waterproof cone 1.4" (35mm) exit HF compression driver
RATED POWER (2)	400W AES, 1600W peak
SENSITIVITY (6)	99dB
MAXIMUM SPL (9)	125dB continuous, 131dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	80° horizontal, 50° vertical
CONNECTORS	3m flying lead, with loop out option
FITTINGS	12 x M10 threaded inserts
DIMENSIONS	(W) 690mm x (H) 471mm x (D) 406mm (W) 27.2ins x (H) 18.5ins x (D) 16ins
WEIGHT	34.5kg (76lbs)

AM10



TYPE	Compact, two-way passive trapezoid
FREQUENCY RESPONSE (5)	65Hz-20kHz $\pm$ 3dB
DRIVERS	10" (250mm) bass driver with waterproof cone 1" (25mm) exit HF compression driver
RATED POWER (2)	300W AES, 1200W peak
SENSITIVITY (6)	96dB
MAXIMUM SPL (9)	120dB continuous, 126dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	90° horizontal, 50° vertical
CONNECTORS	3m flying lead, with loop out option
FITTINGS	12 x M10 threaded inserts
DIMENSIONS	(W) 500mm x (H) 357mm x (D) 286mm (W) 19.7ins x (H) 14.1ins x (D) 11.3ins
WEIGHT	18kg (39.7lbs)

AM12



TYPE	Compact, two-way passive trapezoid
FREQUENCY RESPONSE (5)	65Hz-18kHz $\pm$ 3dB
DRIVERS	12" (300mm) bass driver with waterproof cone 1" (25mm) exit HF compression driver
RATED POWER (2)	300W AES, 1200W peak
SENSITIVITY (6)	97dB
MAXIMUM SPL (9)	121dB continuous, 127dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	80° horizontal, 50° vertical
CONNECTORS	3m flying lead, with loop out option
FITTINGS	12 x M10 threaded inserts
DIMENSIONS	(W) 571mm x (H) 391mm x (D) 345mm (W) 22.5ins x (H) 15.4ins x (D) 13.6ins
WEIGHT	22.5kg (49.6lbs)



Amsterdam Arena, The Netherlands



Vue Cinema, UK

CINEMA SERIES

Martin Audio's entry to cinema sound has been nothing short of revolutionary.

Traditional sound systems for cinema screens were a 2-way design consisting of a twin-fifteen low frequency section and a high frequency compression driver mounted on a large format horn. In this conventional 2-way design the transition between the two sections would be between 500-800Hz depending on the size of the high frequency horn.

Whilst the low section of this 2-way design was perfectly adequate, the HF struggled to reproduce the wide dynamic range required for modern films.

The obvious solution was to split the high frequency band and replace the single large format compression driver with dedicated mid-range and high frequency drivers. By adapting their already world-renowned 3-way technology, the Martin Audio design team created a range of systems honed to meet the exacting demands of cinema sound well into the 21st century.

The Cinema Series is quick to install, easy to align and exceptionally reliable, delivering clearly intelligible dialogue, spine-tingling music and the most awesome sound effects.

Martin Audio Cinema Series – exceptional performance day in, day out.

SCREEN 6

TYPE	Three-way tri-amp screen system
FREQUENCY RESPONSE (5)	45Hz-20kHz $\pm$ 3dB
DRIVERS	4 x 15" (380mm) low frequency 6.5" (165mm) mid driver 1" (25mm) exit compression driver
RATED POWER (2)	LF: 1600W AES, 6400W peak MF: 150W AES, 600W peak HF: 60W AES, 240W peak
SENSITIVITY (6)	LF: 103dB, MF: 107dB, HF: 110dB
NOMINAL IMPEDANCE	LF: 2 x 4 ohms, MF: 8 ohms, HF: 8 ohms
DISPERSION (-6dB)	90° horizontal, 50° vertical
CONNECTORS	Binding posts
DIMENSIONS	LF: (W) 1340mm x (H) 1010mm x (D) 470mm (W) 52.8ins x (H) 39.8ins x (D) 18.5ins MF/HF: (W) 715mm x (H) 885mm x (D) 610mm (W) 28.1ins x (H) 34.8ins x (D) 24ins
WEIGHT	LF: 2 x 61kg (134.5lbs) MF/HF: 18kg (39.6lbs)



SCREEN 5

TYPE	Three-way tri-amp screen system
FREQUENCY RESPONSE (5)	45Hz-20kHz $\pm$ 3dB
DRIVERS	2 x 15" (380mm) low frequency 6.5" (165mm) mid driver 1" (25mm) exit compression driver
RATED POWER (2)	LF: 800W AES, 3200W peak MF: 150W AES, 600W peak HF: 60W AES, 240W peak
SENSITIVITY (6)	LF: 100dB, MF: 107dB, HF: 110dB
NOMINAL IMPEDANCE	LF: 4 ohms, MF: 8 ohms, HF: 8 ohms
DISPERSION (-6dB)	90° horizontal, 50° vertical
CONNECTORS	Binding posts
DIMENSIONS	LF: (W) 670mm x (H) 1010mm x (D) 470mm (W) 26.4ins x (H) 39.8ins x (D) 18.5ins MF/HF: (W) 715mm x (H) 885mm x (D) 610mm (W) 28.1ins x (H) 34.8ins x (D) 24ins
WEIGHT	LF: 61kg (134.5lbs) MF/HF: 18kg (39.6lbs)



SCREEN 6B

TYPE	Three-way bi-amp screen system
FREQUENCY RESPONSE (5)	45Hz-20kHz $\pm$ 3dB
DRIVERS	4 x 15" (380mm) low frequency 6.5" (165mm) mid driver 1" (25mm) exit compression driver
RATED POWER (2)	LF: 1600W AES, 6400W peak MF + HF: 150W AES, 600W peak
SENSITIVITY (6)	LF: 103dB, MF + HF: 107dB
NOMINAL IMPEDANCE	LF: 2 x 4 ohms, MF + HF: 8 ohms
DISPERSION (-6dB)	90° horizontal, 50° vertical
CONNECTORS	Binding posts
DIMENSIONS	LF: (W) 1340mm x (H) 1010mm x (D) 470mm (W) 52.8ins x (H) 39.8ins x (D) 18.5ins MF/HF: (W) 715mm x (H) 885mm x (D) 610mm (W) 28.1ins x (H) 34.8ins x (D) 24ins
WEIGHT	LF: 2 x 61kg (134.5lbs) MF/HF: 18kg (39.6lbs)



SCREEN 5B

TYPE	Three-way bi-amp screen system
FREQUENCY RESPONSE (5)	45Hz-20kHz $\pm$ 3dB
DRIVERS	2 x 15" (380mm) low frequency 6.5" (165mm) mid driver 1" (25mm) exit compression driver
RATED POWER (2)	LF: 800W AES, 3200W peak MF + HF: 150W AES, 600W peak
SENSITIVITY (6)	LF: 100dB, MF + HF: 107dB
NOMINAL IMPEDANCE	LF: 4 ohms, MF + HF: 8 ohms
DISPERSION (-6dB)	90° horizontal, 50° vertical
CONNECTORS	Binding posts
DIMENSIONS	LF: (W) 670mm x (H) 1010mm x (D) 470mm (W) 26.4ins x (H) 39.8ins x (D) 18.5ins MF/HF: (W) 715mm x (H) 885mm x (D) 610mm (W) 28.1ins x (H) 34.8ins x (D) 24ins
WEIGHT	LF: 61kg (134.5lbs) MF/HF: 18kg (39.6lbs)



SCREEN 4

TYPE	Three-way bi-amp screen system
FREQUENCY RESPONSE (5)	45Hz-20kHz $\pm$ 3dB
DRIVERS	2 x 15" (380mm) low frequency 6.5" (165mm) mid driver 1" (25mm) exit compression driver
RATED POWER (2)	LF: 800W AES, 3200W peak MF + HF: 150W AES, 600W peak
SENSITIVITY (6)	LF: 100dB, MF + HF: 106dB
NOMINAL IMPEDANCE	LF: 4 ohms, MF + HF: 16 ohms
DISPERSION (-6dB)	90° horizontal, 40° vertical
CONNECTORS	Binding posts
DIMENSIONS	LF: (W) 670mm x (H) 1010mm x (D) 470mm (W) 26.4ins x (H) 39.8ins x (D) 18.5ins MF/HF: (W) 490mm x (H) 385mm x (D) 290mm (W) 19.3ins x (H) 15.1ins x (D) 11.4ins
WEIGHT	LF: 61kg (134.5lbs) MF/HF: 9kg (19.8lbs)



SCREEN 3

TYPE	Three-way bi-amp screen system
FREQUENCY RESPONSE (5)	45Hz-20kHz $\pm$ 3dB
DRIVERS	15" (380mm) low frequency 6.5" (165mm) mid driver 1" (25mm) exit compression driver
RATED POWER (2)	LF: 550W AES, 2200W peak MF + HF: 150W AES, 600W peak
SENSITIVITY (6)	LF: 98dB, MF + HF: 106dB
NOMINAL IMPEDANCE	LF: 8 ohms, MF + HF: 16 ohms
DISPERSION (-6dB)	90° horizontal, 40° vertical
CONNECTORS	Binding posts
DIMENSIONS	LF: (W) 650mm x (H) 765mm x (D) 307mm (W) 26ins x (H) 30ins x (D) 12ins MF/HF: (W) 490mm x (H) 385mm x (D) 290mm (W) 19.3ins x (H) 15.1ins x (D) 11.4ins
WEIGHT	LF: 39kg (86lbs) MF/HF: 9kg (19.8lbs)



SCREEN 4P

TYPE	Three-way passive screen system
FREQUENCY RESPONSE (5)	45Hz-20kHz $\pm$ 3dB
DRIVERS	2 x 15" (380mm) low frequency 6.5" (165mm) mid driver 1" (25mm) exit compression driver
RATED POWER (2)	LF + MF + HF: 800W AES, 3200W peak
SENSITIVITY (6)	LF + MF + HF: 100dB
NOMINAL IMPEDANCE	LF + MF + HF: 4 ohms
DISPERSION (-6dB)	90° horizontal, 40° vertical
CONNECTORS	Binding posts
DIMENSIONS	LF: (W) 670mm x (H) 1010mm x (D) 470mm (W) 26.4ins x (H) 39.8ins x (D) 18.5ins MF/HF: (W) 490mm x (H) 385mm x (D) 290mm (W) 19.3ins x (H) 15.1ins x (D) 11.4ins
WEIGHT	LF: 63.8kg (140.4lbs) MF/HF: 9kg (19.8lbs)



SCREEN 2

TYPE	Two-way bi-amp screen system
FREQUENCY RESPONSE (5)	45Hz-20kHz $\pm$ 3dB
DRIVERS	15" (380mm) low frequency 1" (25mm) exit compression driver
RATED POWER (2)	LF: 550W AES, 2200W peak HF: 60W AES, 240W peak
SENSITIVITY (6)	LF: 98dB, HF: 110dB
NOMINAL IMPEDANCE	LF: 8 ohms, HF: 8 ohms
DISPERSION (-6dB)	90° horizontal, 90° vertical
CONNECTORS	Binding posts
DIMENSIONS	LF: (W) 650mm x (H) 765mm x (D) 307mm (W) 26ins x (H) 30ins x (D) 12ins HF: (W) 285mm x (H) 344mm x (D) 185mm (W) 11.2ins x (H) 13.5ins x (D) 7.3ins
WEIGHT	LF: 39kg (86lbs) HF: 4.5kg (9.9lbs)



SCREEN 2P



TYPE	Two-way passive screen system
FREQUENCY RESPONSE (5)	45Hz-20kHz $\pm$ 3dB
DRIVERS	15" (380mm) low frequency 1" (25mm) exit compression driver
RATED POWER (2)	400W AES, 1600W peak
SENSITIVITY (6)	98dB
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	90° horizontal, 90° vertical
CONNECTORS	Binding posts
DIMENSIONS	LF: (W) 650mm x (H) 765mm x (D) 307mm (W) 26ins x (H) 30ins x (D) 12ins HF: (W) 285mm x (H) 344mm x (D) 185mm (W) 11.2ins x (H) 13.5ins x (D) 7.3ins
WEIGHT	LF: 40kg (88.2lbs) HF: 4.5kg (9.9lbs)



Rooftop Cinema, Melbourne, Australia

Rooftop Cinema, Melbourne, Australia

EFFECT 5



TYPE	Two-way passive, reflex enclosure
FREQUENCY RESPONSE (5)	75Hz-20kHz $\pm$ 3dB, -10dB @ 45Hz
DRIVERS	10" (250mm) bass-mid driver 1" (25mm) exit HF compression driver
RATED POWER (2)	150W AES, 600W peak
SENSITIVITY (6)	95dB
MAXIMUM SPL (9)	116.5dB continuous, 122.5dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	90° horizontal, 90° vertical
CONNECTORS	Two-way binding posts
DIMENSIONS	(W) 523mm x (H) 543mm x (D) 287mm (W) 20.6ins x (H) 21.4ins x (D) 11.3ins
WEIGHT	16.5kg (36lbs)

EFFECT 3



TYPE	Two-way passive, reflex enclosure
FREQUENCY RESPONSE (5)	80Hz-20kHz $\pm$ 3dB, -10dB @ 50Hz
DRIVERS	8" (200mm) bass-mid driver 1" (25mm) dome tweeter on waveguide
RATED POWER (2)	100W AES, 400W peak
SENSITIVITY (6)	91dB
MAXIMUM SPL (9)	111dB continuous, 117dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	90° horizontal, 90° vertical
CONNECTORS	Two-way binding posts
DIMENSIONS	(W) 445mm x (H) 465mm x (D) 245mm (W) 17.5ins x (H) 18.3ins x (D) 9.7ins
WEIGHT	13kg (27lbs)

EFFECT 3R

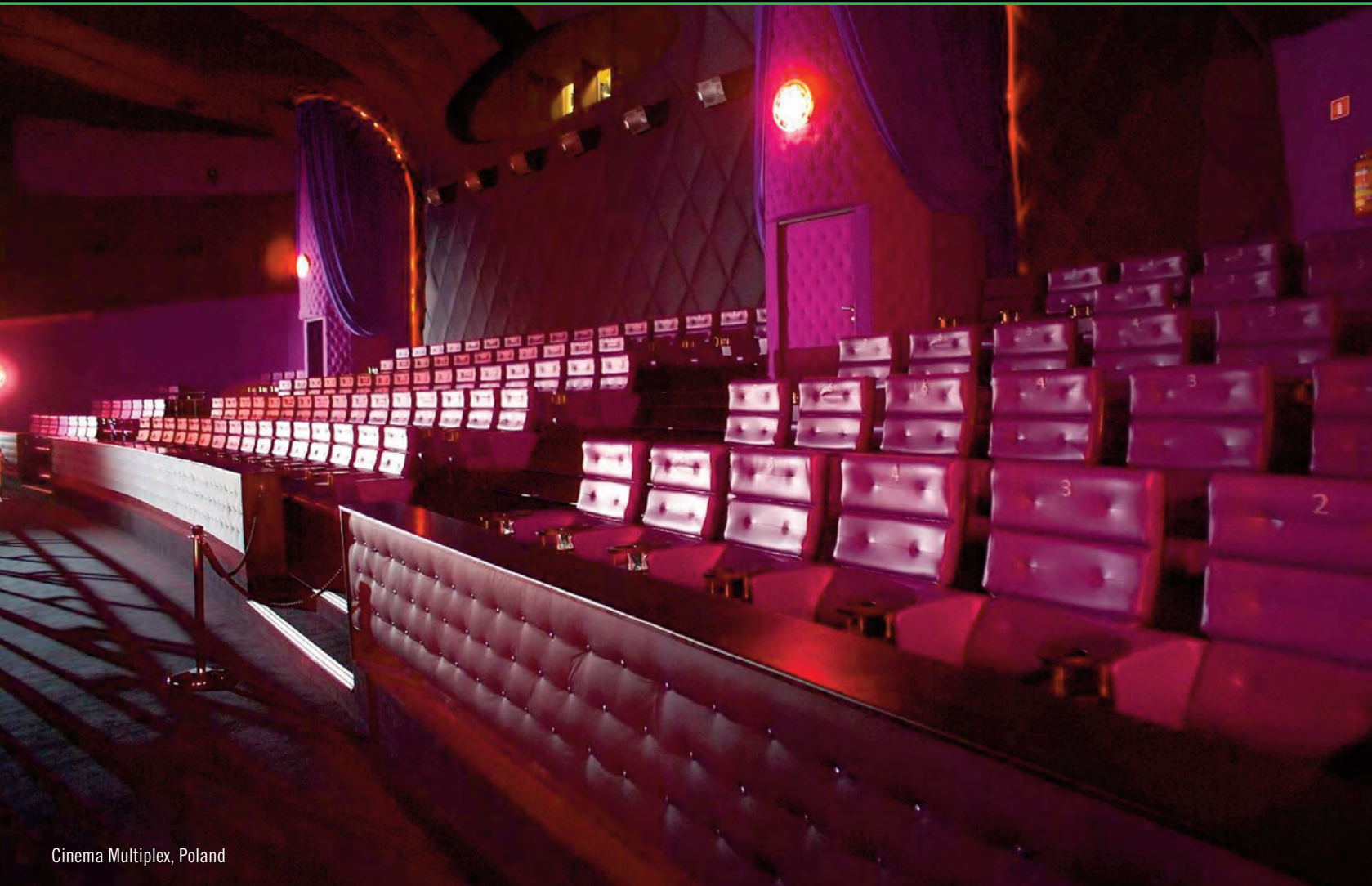


TYPE	Two-way passive, reflex enclosure
FREQUENCY RESPONSE (5)	80Hz-20kHz $\pm$ 3dB, -10dB @ 50Hz
DRIVERS	8" (200mm) bass-mid driver 1" (25mm) dome tweeter on waveguide
RATED POWER (2)	100W AES, 400W peak
SENSITIVITY (6)	91dB
MAXIMUM SPL (9)	111dB continuous, 117dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	90° horizontal, 90° vertical
CONNECTORS	Two-way binding posts
DIMENSIONS	(W) 520mm x (H) 300mm x (D) 284mm (W) 20.5ins x (H) 11.8ins x (D) 11.2ins
WEIGHT	13kg (27lbs)

SCREEN SUB 1A



TYPE	Vented sub-bass system
FREQUENCY RESPONSE (1)	20Hz-500Hz @ -10dB
DRIVERS	18" (460mm) long excursion, reflex loaded
RATED POWER (2)	600W AES, 2400W peak
SENSITIVITY (3)	103dB (half space)
NOMINAL IMPEDANCE	8 ohms
CONNECTORS	Colour coded binding posts
DIMENSIONS	(W) 670mm x (H) 1010mm x (D) 470mm (W) 26.4ins x (H) 39.8ins x (D) 18.5ins
WEIGHT	55kg (121lbs)



Cinema Multiplex, Poland

ELECTRONICS

Top quality loudspeakers require top quality amplification and control, and Martin Audio offer just that in the MA Series of high-performance, lightweight, and conventional power amplifiers, and the Merlin and DX Controllers.

With Martin Audio's enviable reputation for producing loudspeakers with excellent performance and high durability it is no surprise that our name appears on an equally prestigious range of high quality amplifiers and controllers.

With models suited to both touring and installed audio environments our electronic audio components supply the uncompromising sonic performance and unquestionable reliability required by the most demanding of today's sound reinforcement applications.

Martin Audio Electronics – completing the circuit.



Westminster Abbey, London, UK

MA12K

AVAILABLE WITH DSP AS MA12KDSP



MAX OUTPUT POWER	2000W 8Ω per channel 4000W 4Ω per channel 6000W 2Ω per channel 4000W 16Ω bridged 8000W 8Ω bridged 12000W 4Ω bridged
DISTORTION	< 0.05% typically THD from 0.1W to full power
SIGNAL TO NOISE RATIO	> 110dB (20Hz to 20kHz)
DAMPING FACTOR (8Ω)	> 5000 (20Hz to 20kHz)
SLEW RATE	50V/μs
INPUTS	26dB, 29dB, 32dB, 35dB selectable
AC LINE VOLTAGE	95-265V (50/60Hz)
DIMENSIONS	(W) 483mm x (H) 44mm x (D) 475mm (W) 19ins x (H) 1.75ins (1U) x (D) 18.7ins
WEIGHT	12kg (26.5lbs)



Aylesbury Waterside Theatre, UK

MA9.6K

AVAILABLE WITH DSP AS MA9.6KDSP



MAX OUTPUT POWER	1500W 8Ω per channel 3000W 4Ω per channel 4800W 2Ω per channel 3000W 16Ω bridged 6000W 8Ω bridged 9600W 4Ω bridged
DISTORTION	< 0.05% typically THD from 0.1W to full power
SIGNAL TO NOISE RATIO	> 110dB (20Hz to 20kHz)
DAMPING FACTOR (8Ω)	> 5000 (20Hz to 20kHz)
SLEW RATE	50V/μs
INPUTS	26dB, 29dB, 32dB, 35dB selectable
AC LINE VOLTAGE	95-265V (50/60Hz)
DIMENSIONS	(W) 483mm x (H) 44mm x (D) 475mm (W) 19ins x (H) 1.75ins (1U) x (D) 18.7ins
WEIGHT	12kg (26.5lbs)

MA5.2K

AVAILABLE WITH DSP AS MA5.2KDSP



MAX OUTPUT POWER	1400W 8Ω per channel 2600W 4Ω per channel 2800W 2Ω per channel 2800W 16Ω bridged 5200W 8Ω bridged
DISTORTION	< 0.05% typically THD from 0.1W to full power
SIGNAL TO NOISE RATIO	> 112dB (20Hz to 20kHz)
DAMPING FACTOR (8Ω)	> 5000 (20Hz to 20kHz)
SLEW RATE	50V/μs
INPUTS	26dB, 29dB, 32dB, 35dB selectable
AC LINE VOLTAGE	95-265V (50/60Hz)
DIMENSIONS	(W) 483mm x (H) 44mm x (D) 360mm (W) 19ins x (H) 1.75ins (1U) x (D) 14.2ins
WEIGHT	8kg (17.6lbs)

IMA3.0



MAX OUTPUT POWER	900W 8 Ω per channel 1500W 4 Ω per channel 3000W 8 Ω bridged
DISTORTION	< 0.05% THD from 0.1W to full power
SIGNAL TO NOISE RATIO	> 112dBA (20Hz to 20kHz)
DAMPING FACTOR (8 Ω)	> 500 @ 100Hz
SLEW RATE	50V/ μ s
GAIN	32dB
OPERATION VOLTAGE	115V or 230V (+ 15% - 25%)
(internal selection)	50/60Hz
DIMENSIONS	(W) 483mm x (H) 44mm x (D) 358mm (W) 19ins x (H) 1.75ins (1U) x (D) 14ins
WEIGHT	7.3kg (16lbs)

IMA2.0



MAX OUTPUT POWER	600W 8 Ω per channel 1000W 4 Ω per channel 2000W 8 Ω bridged
DISTORTION	< 0.05% THD from 0.1W to full power
SIGNAL TO NOISE RATIO	> 112dBA (20Hz to 20kHz)
DAMPING FACTOR (8 Ω)	> 500 @ 100Hz
SLEW RATE	50V/ μ s
GAIN	32dB
OPERATION VOLTAGE	115V or 230V (+ 15% - 25%)
(internal selection)	50/60Hz
DIMENSIONS	(W) 483mm x (H) 44mm x (D) 358mm (W) 19ins x 1.75ins (1U) x (D) 14ins
WEIGHT	7.3kg (16lbs)

IMA2.8Q



MAX OUTPUT POWER	Four Channels 360W 8 Ω per channel 700W 4 Ω per channel 1400W 8 Ω bridged
BRIDGED	
DISTORTION	< 0.05% THD from 0.1W to full power
SIGNAL TO NOISE RATIO	> 112dBA (20Hz to 20kHz)
DAMPING FACTOR (8 Ω)	> 500 @ 100Hz
SLEW RATE	50V/ μ s
GAIN	32dB
OPERATION VOLTAGE	115V or 230V (+ 15% - 25%)
(internal selection)	50/60Hz
DIMENSIONS	(W) 483mm x (H) 44mm x (D) 358mm (W) 19ins x (H) 1.75ins (1U) x (D) 14ins
WEIGHT	7.3kg (16lbs)



IMA6.8Q



MAX OUTPUT POWER	Four Channels
	650W 16 Ω per channel
	1200W 8 Ω per channel
	1700W 4 Ω per channel
	1600W Hi-Z 70/100V
DISTORTION	< 0.1% THD 20Hz – 20kHz for 1W
SIGNAL TO NOISE RATIO	> 112dB
CHANNEL SEPARATION	> 70dB @ 1kHz
INPUTS (gain selectable)	23dB, 26dB, 29dB, 32dB, 35dB, 38dB, 41dB, 44dB
OPERATION VOLTAGE	230V version: 130V-265V, 115V version: 65V-135V
DIMENSIONS	(W) 483mm x (H) 88mm x (D) 343mm
	(W) 19ins x (H) 3.5ins (2U) x (D) 13.5ins
WEIGHT	12kg (26.4lbs)

IMA4.8Q



MAX OUTPUT POWER	Four Channels
	625W 16 Ω per channel
	1000W 8 Ω per channel
	1200W 4 Ω per channel
	900W Hi-Z 70/100V
DISTORTION	< 0.1% THD 20Hz – 20kHz for 1W
SIGNAL TO NOISE RATIO	> 112dB
CHANNEL SEPARATION	> 70dB @ 1kHz
INPUTS (gain selectable)	23dB, 26dB, 29dB, 32dB, 35dB, 38dB, 41dB, 44dB
OPERATION VOLTAGE	230V version: 130V-265V, 115V version: 65V-135V
DIMENSIONS	(W) 483mm x (H) 88mm x (D) 343mm
	(W) 19ins x (H) 3.5ins (2U) x (D) 13.5ins
WEIGHT	12kg (26.4lbs)

IMERLIN



INPUTS	4 electronically balanced analogue, or AES/EBU
IMPEDANCE	> 10k ohms analogue
CMMR	> 67dB @ 10kHz
OUTPUTS	10 electronically balanced analogue, or AES/EBU
SOURCE IMP	47 ohms
MIN LOAD	500 ohms
MAX O/P LEVEL	+20dBm (+20dBu into 600 ohms)
FREQUENCY RESPONSE	20Hz-20kHz $\pm$ 0.2dB
DYNAMIC RANGE	> 116dB
MAXIMUM DELAY	1 second from any input to output
MIN STEP SIZE	2.6 μ S (1mm)
INPUT GAIN	-40dB to +6dB
OUTPUT GAIN	-40dB to +15dB
PARAMETRIC EQUALISATION	
FILTERS	8 per input / 8 per output
FILTER GAIN	-40dB to +15dB in 0.1dB steps
FREQUENCY RANGE	20Hz to 32kHz
FILTER Q	0.4 to 128
SHELVING	20Hz to 32kHz Hi/Lo shelf, 00.4 to 1
VARI-Q HPF/LPF	Q of 0.4 to 3
CROSSOVER FILTERS	
HPF	10Hz – 32kHz
LPF	10Hz – 32kHz
SLOPES	6dB/oct Butterworth, 18dB/oct Butterworth or Bessel 12/24/48/oct Butterworth, Bessel, Linkwitz-Riley
LIMITERS	
THRESHOLD	+22dBu to -10dBu
ATTACK TIME	0.3 to 90ms
RELEASE	1/2/4/8/16/32 x Attack time
DISPLAY	2 x 24 character blue LCD
METERS	6 LED ladder type
CONNECTORS	
INPUTS	3 pin female XLR
OUTPUTS	3 pin male XLR
U-NET	2 x EtherCon [®]
ETHERNET	RJ45
USB	Type B USB connector
DIMENSIONS	(W) 482mm x (H) 44mm x (D) 310mm
	(W) 19ins x (H) 1.75ins (1U) x (D) 12ins
WEIGHT	4.6kg (10.1lbs)

IDX2



INPUTS	4 electronically balanced analogue plus AES/EBU
IMPEDANCE	> 10k ohms analogue
CMMR	> 65dB 20Hz – 10kHz
OUTPUTS	8 electronically balanced analogue plus AES/EBU
SOURCE IMPEDANCE	< 60 ohms analogue
MIN. LOAD IMPEDANCE	600 ohms analogue
MAX OUTPUT	+ 20dBm (+ 20dBu into 600 ohms)
FREQUENCY RESPONSE	20Hz-20kHz $\pm$ 0.5dB, -3dB @ 32kHz
PARAMETRIC EQ FILTERS	8 per input / 9 per output
LIMITERS Threshold	+ 22dBu to -10dBu
Attack time	0.3ms to 90ms
Release time	2/4/8/16/32 x Attack time
DIMENSIONS	(W) 482mm x (H) 44mm x (D) 305mm
	(W) 19ins x (H) 1.75ins (1U) x (D) 12ins
WEIGHT	3.5kg (7.7lbs)

IDX1.5



INPUTS	2 electronically balanced
IMPEDANCE	> 10k ohms analogue
CMMR	> 65dB 20Hz – 10kHz
OUTPUTS	6 electronically balanced
SOURCE IMPEDANCE	< 60 ohms analogue
MIN. LOAD IMPEDANCE	600 ohms analogue
MAX OUTPUT	+ 20dBm into 600 ohms
FREQUENCY RESPONSE	20Hz-20kHz $\pm$ 0.5dB, -3dB @ 32kHz
PARAMETRIC EQ FILTERS	8 per input / 9 per output
LIMITERS Threshold	+ 22dBu to -10dBu
Attack time	0.3ms to 90ms
Release time	2/4/8/16/32 x Attack time
DIMENSIONS	(W) 482mm x (H) 44mm x (D) 300mm
	(W) 19ins x (H) 1.75ins (1U) x (D) 11.8ins
WEIGHT	3.3kg (7.3lbs)

IDX0.5



INPUTS	2 electronically balanced analogue
CMMR	> 58dB
OUTPUTS	6 electronically balanced analogue
MAX OUTPUT	+ 21dBu
FREQUENCY RESPONSE	20Hz-20kHz $\pm$ 0.2dB
PARAMETRIC EQ FILTERS	5 per input / 7 per output
LIMITERS	Threshold + 20dBu to -10dBu
Attack time	5ms to 200ms
Release time	0.1 – 3.0s $\pm$ 0.1s increments
DIMENSIONS	(W) 482mm x (H) 44mm x (D) 229mm
	(W) 19ins x (H) 1.75ins (1U) x (D) 9ins
WEIGHT	2.6kg (5.8lbs)



Revolution Club, Ontario, Canada



Marquee Club, Sydney, Australia

| MLA MINI



ASF17025
MSX Wheelboard & transit cover



ASF15027
MSX rain cowl & frame



ASF20071
Wind-up pole for MLA Mini, DD6,
DD12, XD12 & XD15

| TOURING & THEATRE – HARDWARE



W8LCGRIDASSEMBLY
Flying Frame/Grid for W8LC & WLX
Weight: 45kg (99.2lbs)



W8LCGRIDLIFTINGBAR
Lifting Bar for
W8LCGRIDASSEMBLY
Weight: 12kg (26.5lbs)



HAM214
Ground stack bar for W8LC



ASF20017
W8LCD Ground Stacking Bar
Assembly



ASF20001
Flying Frame/Grid for W8LM
Weight: 22kg (48.5lbs)



ASF20002
Lifting Bar for ASF20001
Flying Frame/Grid
Weight: 7.5kg (16.5lbs)



HAM09002
Ground stack bar for W8LM



ASF20018
W8LM Lightweight Grid Lifting
Assembly



HAM09012
Dual Pole Mount Bracket for
W8LMD (use only with HAM09015
Pole)



HAM09015
Adjustable Pole



ASF20013
Ground Stack Bar for W8LMD



HTKCT06
10mm Shouldered Eye Bolt – W8VDQ

HTKCT05
8mm Shouldered
Eye Bolt - DD12, DD6, XD15 and
XD12

| **BLACKLINE+ – HARDWARE**

ASF20034
DD6 Universal Bracket



ASF20036
DD6 Wall Bracket



ASF20035
DD6 Yoke Assembly



ASF20048
XD15 Universal Bracket



ASF20046
XD12 Universal Bracket



HTKM20
XD12 Wall Bracket



ASF20049
XD15 Yoke Assembly



ASF20047
XD12 Yoke Assembly



ASF20045
35mm Stand Adaptor
for DD6, XD15 & XD12



ASF20025
W8VDQ Yoke Assembly



ASF20016 – LE2100S Yoke
ASF20015 – LE1500LS/RS Yoke
ASF20014 – LE1200LS/RS Yoke



HTKM20 for F12+ and F10+



HTKM10 for F8+



HTKCT04
Pole for Blackline+



HTKCT06
10mm Shouldered Eye Bolt for
H3T+, H3+, H3H+ and F215+

HTKCT05
8mm Shouldered Eye Bolt for F15+,
F12+, F10+ and F8+



HTKF15Y for F15+
HTKF12Y for F12+
HTKF10Y for F10+
HTKF8Y for F8+

| **CABINET LIDS**

S218LID for WS218X
LID00008 for WS18X
H3LID for H3*/H3T+
S218LID for S218+

| **CINEMA – BRACKETS**

HTK-EFFECT 5B
Adjustable Bracket for Effect 5
and Effect 3R

HTK-EFFECT 3B
Adjustable Bracket for Effect 3

Photos for illustration only.

CEILING SERIES – RINGS



C8.1T CONSTRUCTION RING - 6 PACK
C6.8T CONSTRUCTION RING - 6 PACK
C4.8T CONSTRUCTION RING - 6 PACK

C8.1T PLASTER RING - 6 PACK
C6.8T PLASTER RING - 6 PACK
C4.8T PLASTER RING - 6 PACK

ARCHITECTURAL – EYE BOLTS



HTKCT06
10mm Shouldered Eye Bolt for AM15,
AM12 and AM10

HTKCT05
8mm Shouldered Eye Bolt for CDD15,
CDD12 and CDD10

CDD SERIES – BRACKETS

CDDWB6/8B
CDD6/CDD8 WALL BRACKET BLACK

CDDWB6/8W
CDD6/CDD8 WALL BRACKET WHITE

CDDWB10/12B
CDD10/CDD12 WALL BRACKET BLACK

CDDWB10/12W
CDD10/CDD12 WALL BRACKET WHITE

CDDCB5B
CDD5 CEILING BRACKET BLACK

CDDCB5W
CDD5 CEILING BRACKET WHITE

CDDCB6/8B
CDD6/CDD8 CEILING BRACKET BLACK

CDDCB6/8W
CDD6/CDD8 CEILING BRACKET WHITE

CDDYA10B
CDD10 YOKE ASSEMBLY BLACK

CDDYA10W
CDD10 YOKE ASSEMBLY WHITE

CDDYA12B
CDD12 YOKE ASSEMBLY BLACK

CDDYA12W
CDD12 YOKE ASSEMBLY WHITE

CDDYA15B
CDD15 YOKE ASSEMBLY BLACK

CDDYA15W
CDD15 YOKE ASSEMBLY WHITE

OMniLine® BRACKETS



ASF20021
Wall Bracket for 4 OMniLine®

ASF20022
Wall Bracket for 8 to 16 OMniLine®



ASF20023
Flying Bracket Kit



INDEX (A – CD)

Notes

- (1) Measured on-axis in half space at 2 metres, then referred to 1 metre.
- (2) AES Standard ANSI S4.26-1984.
- (3) Measured in half space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (4) Measured in half space at 2 metres using band limited pink noise, then referred to 1 metre.
- (5) Measured on-axis in open (4π) space at 2 metres, then referred to 1 metre.
- (6) Measured in open (4π) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (7) Measured in open (4π) space at 2 metres using band limited pink noise, then referred to 1 metre.
- (8) Measured in open (4π) space at 2 metres with 2.83V input, using band limited pink noise, then referred to 1 metre.
- (9) Calculated at 1 metre.

Trade Descriptions Act

Due to Martin Audio's policy of continuing improvement, we reserve the right to alter these specifications without prior notice. Martin Audio is committed to refining state of the art sound reinforcement, combining in-depth product and field applications research with advanced manufacturing techniques. Every Martin Audio product is built to the highest manufacturing standards and rigorously tested to ensure that it meets the performance criteria specified in the design.

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Unite Your Audience

The Martin Audio Experience





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